

*Wi-Fi

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udp

No.	Time	Source	Destination	Protocol	Length	Info
34665	1016.529345	172.25.98.180	239.255.255.250	SSDP	515	NOTIFY * HTTP/1.1
34666	1016.529345	172.25.98.180	239.255.255.250	SSDP	511	NOTIFY * HTTP/1.1
34667	1016.529345	172.25.98.180	239.255.255.250	SSDP	527	NOTIFY * HTTP/1.1
34668	1016.529345	172.25.98.175	239.255.255.250	SSDP	527	NOTIFY * HTTP/1.1
34669	1016.529345	172.25.98.175	239.255.255.250	SSDP	509	NOTIFY * HTTP/1.1
34670	1016.529345	172.25.98.175	239.255.255.250	SSDP	456	NOTIFY * HTTP/1.1
34671	1016.531589	172.25.98.175	239.255.255.250	SSDP	495	NOTIFY * HTTP/1.1

> Frame 34668: 527 bytes on wire (4216 bits), 527 bytes captured (4216 bits) on interface \Device\NPF_{401ADD3-A907-419A-BD7F-7996AD9CF1DC}, id 0

> Ethernet II, Src: Netgear_59:57:8e (94:18:65:59:57:8e), Dst: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)

> Internet Protocol Version 4, Src: 172.25.98.175, Dst: 239.255.255.250

0100 = Version: 4

.... 0101 = Header Length: 20 bytes (5)

> Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 513

Identification: 0x4515 (17685)

> Flags: 0x40, Don't fragment

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 2

Protocol: UDP (17)

Header Checksum: 0x3314 [validation disabled]

[Header checksum status: Unverified]

Source Address: 172.25.98.175

Destination Address: 239.255.255.250

> User Datagram Protocol, Src Port: 58140, Dst Port: 1900

Source Port: 58140

Destination Port: 1900

Length: 493

Checksum: 0x0093 [unverified]

0020 ff fa e3 1c 07 6c 01 ed 00 93 4e 4f 54 49 46 591...NOTIFY

0030 20 2a 20 48 54 54 50 2f 31 2e 31 0d 0a 48 4f 53 * HTTP/1.1..HOS

0040 54 3a 20 32 33 39 2e 32 35 35 2e 32 35 35 2e 32 T: 239.2 55.255.2

0050 35 30 3a 31 39 30 30 0d 0a 43 41 43 48 45 2d 43 50:1900..CACHE-C

0060 4f 4e 54 52 4f 4c 3a 20 6d 61 78 2d 61 67 65 3d ONTROL: max-age=

0070 38 0d 0a 4c 4f 43 41 54 49 4f 4e 3a 20 68 74 74 8..LOCAT ION: htt

User Datagram Protocol (udp), 8 bytes

Packets: 41387 · Displayed: 30995 (74.9%)

Profile: Default

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icmpv6

No.	Time	Source	Destination	Protocol	Length	Info
303	8.317871	fe80::f318:e544:ad4...	ff02::1	ICMPv6	86	Neighbor Advertisement fe80::f318:e544:ad4a:ecbd (ovr) is at f4:6d:3f:1c:24:9c
980	26.434574	fe80::53ce:92dc:200...	ff02::1	ICMPv6	86	Neighbor Advertisement fe80::53ce:92dc:200:901e (ovr) is at a0:80:69:b7:c0:87
1476	42.088954	fe80::53ce:92dc:200...	ff02::1	ICMPv6	86	Neighbor Advertisement fe80::53ce:92dc:200:901e (ovr) is at a0:80:69:b7:c0:87
3105	90.319475	fe80::fa56:abb3:33b...	ff02::1	ICMPv6	86	Neighbor Advertisement fe80::fa56:abb3:33b9:c112 (ovr) is at bc:21:5e:ff:26:f5
3333	98.303597	fe80::248a:65ae:5d4...	ff02::1	ICMPv6	86	Neighbor Advertisement fe80::248a:65ae:5d41:a26a (ovr) is at 58:cd:c9:49:19:ad
4009	116.129423	fe80::3d7d:793a:87b...	ff02::1	ICMPv6	86	Neighbor Advertisement fe80::3d7d:793a:87b4:f07a (ovr) is at dc:97:ba:e4:91:d4
4120	118.913305	fe80::ac68:d9e0:b09...	ff02::1	ICMPv6	86	Neighbor Advertisement fe80::ac68:d9e0:b097:d85f (ovr) is at 28:c5:d2:25:8b:2c

> Frame 3105: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface \Device\NPF_{401ADDC3-A907-419A-BD7F-7996AD9CF1DC}, id 0

Ethernet II, Src: bc:21:5e:ff:26:f5 (bc:21:5e:ff:26:f5), Dst: IPv6mcast_01 (33:33:00:00:00:01)

> Destination: IPv6mcast_01 (33:33:00:00:00:01)

> Source: bc:21:5e:ff:26:f5 (bc:21:5e:ff:26:f5)

Type: IPv6 (0x86dd)

Internet Protocol Version 6, Src: fe80::fa56:abb3:33b9:c112, Dst: ff02::1

0110 = Version: 6

> 0000 0000 = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)

.... 0000 0000 0000 0000 = Flow Label: 0x000000

Payload Length: 32

Next Header: ICMPv6 (58)

Hop Limit: 255

Source Address: fe80::fa56:abb3:33b9:c112

Destination Address: ff02::1

Internet Control Message Protocol v6

Type: Neighbor Advertisement (136)

Code: 0

Checksum: 0xe1da [correct]

[Checksum Status: Good]

> Flags: 0x20000000, Override

Target Address: fe80::fa56:abb3:33b9:c112

> ICMPv6 Option (Target link-layer address : bc:21:5e:ff:26:f5)

0000 33 33 00 00 00 01 bc 21 5e ff 26 f5 86 dd 60 00 33! ^&....

0010 00 00 00 20 3a ff fe 80 00 00 00 00 00 fa 56 ... :... ..V

Start Internet Control Message Protocol v6: Protocol Packets: 12862 · Displayed: 17 (0.1%) Profile: Default

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IPv6

No.	Time	Source	Destination	Protocol	Length	Info
1689	48.956655	fe80::682e:24ff:fed... ff02::fb		MDNS	139	Standard query 0x0002 PTR _googlecast._tcp.local, "QM" question PTR _CC1AD845._sub._googlecast._tcp.local, "QM"...
1859	53.156378	fe80::40e7:77ff:fe5... ff02::fb		MDNS	240	Standard query 0x0000 ANY {"nm":"REDMI NOTE 11 PRO","as":"[8194]","ip":"175"}._mi-connect._udp.local, "QM" ques...
1869	53.463613	fe80::40e7:77ff:fe5... ff02::fb		MDNS	240	Standard query 0x0000 ANY {"nm":"REDMI NOTE 11 PRO","as":"[8194]","ip":"175"}._mi-connect._udp.local, "QM" ques...
1887	54.188853	fe80::69cd:e296:a54... ff02::fb		MDNS	107	Standard query 0x0000 PTR _spotify-connect._tcp.local, "QM" question
1966	58.266961	fe80::ba96:666c:558... ff02::fb		MDNS	105	Standard query 0x0000 PTR _microsoft_mcc._tcp.local, "QU" question
2012	59.187149	fe80::ba96:666c:558... ff02::fb		MDNS	105	Standard query 0x0000 PTR _microsoft_mcc._tcp.local, "QM" question
2291	68.717089	fe80::18a7:2c82:9a3... ff02::fb		MDNS	152	Standard query 0x0000 PTR _companion-link._tcp.local, "QM" question PTR _rdlink._tcp.local, "QM" question PTR R...

> Frame 1869: 240 bytes on wire (1920 bits), 240 bytes captured (1920 bits) on interface \Device\NPF_{401ADDC3-A907-419A-BD7F-7996AD9CF1DC}, id 0

> Ethernet II, Src: 42:e7:77:5a:17:7b (42:e7:77:5a:17:7b), Dst: IPv6mcast_fb (33:33:00:00:00:fb)

> Destination: IPv6mcast_fb (33:33:00:00:00:fb)

> Source: 42:e7:77:5a:17:7b (42:e7:77:5a:17:7b)

Type: IPv6 (0x86dd)

> Internet Protocol Version 6, Src: fe80::40e7:77ff:fe5a:177b, Dst: ff02::fb

0110 = Version: 6

> 0000 0000 = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)

.... 0100 0101 0100 0001 0100 = Flow Label: 0x45a14

Payload Length: 186

Next Header: UDP (17)

Hop Limit: 255

Source Address: fe80::40e7:77ff:fe5a:177b

Destination Address: ff02::fb

> User Datagram Protocol, Src Port: 5353, Dst Port: 5353

Source Port: 5353

Destination Port: 5353

Length: 186

Checksum: 0xed16 [unverified]

[Checksum Status: Unverified]

[Stream index: 87]

> [Timestamps]

UDP payload (178 bytes)

> Multicast Domain Name System (query)

0000 33 33 00 00 00 fb 42 e7 77 5a 17 7b 86 dd 60 04 33B wZ{...

0010 5a 14 00 ba 11 ff fe 80 00 00 00 00 00 40 e7 Z.....@.

Internet Protocol Version 6: Protocol

Packets: 6933 · Displayed: 148 (2.1%)

Profile: Default

arp

No.	Time	Source	Destination	Protocol	Length	Info
2384	71.516170	Netgear_b9:a8:3f	Broadcast	ARP	60	Who has 172.25.96.1? Tell 172.25.105.118
2385	71.516170	e0:46:ee:5e:0d:bf	Broadcast	ARP	60	Who has 172.25.96.1? Tell 172.25.104.142
2386	71.793787	PrmaHik_17:c8:96	Broadcast	ARP	60	Who has 172.25.0.1? Tell 172.25.128.158
2451	73.020713	f0:6c:5d:94:8b:fa	Broadcast	ARP	60	ARP Announcement for 0.0.0.0
2452	73.020935	5a:53:51:21:08:2d	Broadcast	ARP	60	Who has 172.25.96.1? Tell 172.25.106.48
2454	73.320524	ee:4a:41:8e:ab:8a	Broadcast	ARP	60	ARP Announcement for 0.0.0.0
2467	73.328000	PrmaHik_b0:89:65	Broadcast	ARP	60	Who has 172.25.128.36? Tell 172.25.128.13
2468	73.328000	24:5d:54:5f:82:77	Broadcast	ARP	60	Who has 172.25.100.135? Tell 172.25.96.1

```
> Frame 2451: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface \Device\NPF {401ADDC3-A907-419A-BD7F-7996AD9CF1DC}, id 0
```

▼ Ethernet II, Src: f0:6c:5d:94:8b:fa (f0:6c:5d:94:8b:fa), Dst: Broadcast (ff:ff:ff:ff:ff:ff)

```
> Destination: Broadcast (ff:ff:ff:ff:ff:ff)
```

> Source: f0:6c:5d:94:8b:fa (f0:6c:5d:94:8b:fa)

Type: ARP (0x0806)

```
Padding: 000000000000000000000000000000000000
```

- Address Resolution Protocol (ARP Announcement)

Hardware type: Ethernet (1)

Protocol type: IPv4 (0x0800)

```
Hardware size: 6
```

Protocol size: 4

Opcode: request (1)

```
[Is gratuitous: True]
```

```
[Is announcement: True]
```

Sender MAC address: f0:6c:5d:94:8b:fa (f0:6c:5d:94:8b:fa)

Sender IP address: 0.0.0.0

Target MAC address: 00:00:00_00:00:00 (00:00:00:00:00:00)

Target IP address: 0.0.0.0

```
0000 ff ff ff ff ff f0 6c 5d 94 8b fa 08 06 00 01 .....1 ] .....
0010 08 00 06 04 00 01 f0 6c 5d 94 8b fa 00 00 00 00 .....1 ] .....
```

Address Resolution Protocol: Protocol

Packets: 4253 · Displayed: 676 (15.9%)

Profile: Default

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icmp

No.	Time	Source	Destination	Protocol	Length	Info
3917	108.922690	172.25.105.89	172.21.100.31	ICMP	349	Destination unreachable (Port unreachable)
4391	127.946015	172.25.105.89	172.21.100.31	ICMP	152	Destination unreachable (Port unreachable)
16275	471.446967	172.25.105.89	172.21.100.31	ICMP	248	Destination unreachable (Port unreachable)
24881	709.514160	172.25.105.89	172.21.100.31	ICMP	349	Destination unreachable (Port unreachable)
25850	728.648516	172.25.105.89	172.21.100.31	ICMP	152	Destination unreachable (Port unreachable)
30909	892.869306	172.25.105.89	172.21.100.31	ICMP	118	Destination unreachable (Port unreachable)
33027	966.411016	172.25.105.89	172.21.100.31	ICMP	115	Destination unreachable (Port unreachable)

> Frame 16275: 248 bytes on wire (1984 bits), 248 bytes captured (1984 bits) on interface \Device\NPF_{401ADD3-A907-419A-BD7F-7996AD9CF1DC}, id 0

> Ethernet II, Src: IntelCor_9e:d4:c3 (30:e3:7a:9e:d4:c3), Dst: 24:d5:e4:6d:c0:e7 (24:d5:e4:6d:c0:e7)

> Internet Protocol Version 4, Src: 172.25.105.89, Dst: 172.21.100.31

0100 = Version: 4

.... 0101 = Header Length: 20 bytes (5)

> Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 234

Identification: 0xc18a (49546)

> Flags: 0x00

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 128

Protocol: ICMP (1)

Header Checksum: 0x52e1 [validation disabled]

[Header checksum status: Unverified]

Source Address: 172.25.105.89

Destination Address: 172.21.100.31

> Internet Control Message Protocol

> Domain Name System (response)

0010 00 ea c1 8a 00 00 01 52 e1 ac 19 69 59 ac 15 ... R...iY..

0020 64 1f 03 03 23 70 00 00 00 00 45 00 00 ce 19 bb d...#p...E....

0030 00 00 7e 11 fc bc ac 15 64 1f ac 19 69 59 00 35 d...iY.5

0040 d2 5c 00 ba b9 70 df da 81 80 00 01 00 05 00 00p.....

0050 00 00 02 74 68 04 62 69 6e 67 03 63 6f 6d 00 00th·bi ng.com..

0060 01 00 01 c0 0c 00 05 00 01 00 00 0b 0b 00 22 04

Flags (3 bits) (p.flags), 1byte

Packets: 65001 · Displayed: 18 (0.0%)

Profile: Default

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tcp

No.	Time	Source	Destination	Protocol	Length	Info
41868	1257.953204	172.25.105.89	100.24.246.164	TLSv1.2	854	Application Data
41901	1258.318494	100.24.246.164	172.25.105.89	TLSv1.2	311	Application Data
41902	1258.368249	172.25.105.89	100.24.246.164	TCP	54	59710 → 443 [ACK] Seq=2043 Ack=851 Win=64768 Len=0
42004	1261.237454	172.25.105.89	163.70.138.61	SSL	108	Continuation Data
42005	1261.318819	163.70.138.61	172.25.105.89	TCP	54	443 → 59236 [ACK] Seq=9375 Ack=5800 Win=614 Len=0
42077	1265.668967	172.25.105.89	34.117.132.3	TCP	66	59714 → 443 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
42078	1265.683366	34.117.132.3	172.25.105.89	TCP	66	443 → 59714 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0 MSS=1412 SACK_PERM=1 WS=256

Transmission Control Protocol, Src Port: 443, Dst Port: 59236, Seq: 9375, Ack: 5800, Len: 0

Source Port: 443
Destination Port: 59236
[Stream index: 0]
[Conversation completeness: Incomplete (12)]
[TCP Segment Len: 0]
Sequence Number: 9375 (relative sequence number)
Sequence Number (raw): 565843931
[Next Sequence Number: 9375 (relative sequence number)]
Acknowledgment Number: 5800 (relative ack number)
Acknowledgment number (raw): 1430929576
0101 = Header Length: 20 bytes (5)
> Flags: 0x010 (ACK)
Window: 614
[Calculated window size: 614]
[Window size scaling factor: -1 (unknown)]
Checksum: 0xb1d0 [unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
> [Timestamps]
> [SEQ/ACK analysis]

```
0000 30 e3 7a 9e d4 c3 24 d5 e4 6d c0 e7 08 00 45 00  0 z . . $ . m . . . E .
0010 00 28 1a fa 40 00 2e 06 ee df a3 46 8a 3d ac 19  ( . . @ . . . . F = . .
0020 69 59 01 bb e7 64 21 ba 17 db 55 4a 40 a8 50 10  i Y . . d ! . . . U J @ P .
0030 02 66 b1 d0 00 00 . t . . . .
```

Transmission Control Protocol: Protocol

Packets: 50299 · Displayed: 3348 (6.7%)

Profile: Default

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http

No.	Time	Source	Destination	Protocol	Length	Info
13841	410.014722	54.231.135.69	172.25.105.89	HTTP	410	HTTP/1.1 200 OK
24908	709.847896	172.25.105.89	52.217.112.21	HTTP	159	GET /zero.html HTTP/1.1
24925	710.162151	52.217.112.21	172.25.105.89	HTTP	410	HTTP/1.1 200 OK
31017	895.443575	172.25.105.89	23.58.43.182	HTTP	267	GET /en-US/livetile/preinstall?region=US&appid=C98EA580842DBB9405B8F071E1DA76512D21FE36&FORM=Threshold HTTP/1.1
31020	895.541539	23.58.43.182	172.25.105.89	HTTP/X...	417	HTTP/1.1 200 OK
34454	1010.828977	172.25.105.89	16.182.98.29	HTTP	159	GET /zero.html HTTP/1.1
34470	1011.150803	16.182.98.29	172.25.105.89	HTTP	410	HTTP/1.1 200 OK

[Header checksum status: Unverified]
Source Address: 52.217.112.21
Destination Address: 172.25.105.89

Transmission Control Protocol, Src Port: 80, Dst Port: 59675, Seq: 1, Ack: 106, Len: 356
Source Port: 80
Destination Port: 59675
[Stream index: 49]
[Conversation completeness: Complete, WITH_DATA (63)]
[TCP Segment Len: 356]
Sequence Number: 1 (relative sequence number)
Sequence Number (raw): 3675631110
[Next Sequence Number: 357 (relative sequence number)]
Acknowledgment Number: 106 (relative ack number)
Acknowledgment number (raw): 500541435
0101 = Header Length: 20 bytes (5)
> Flags: 0x018 (PSH, ACK)
Window: 251
[Calculated window size: 64256]
[Window size scaling factor: 256]
Checksum: 0xde59 [unverified]
[Checksum Status: Unverified]

0020 69 59 00 50 e9 1b db 15 ae 06 1d d5 a7 fb 50 18 iY:P:....P
0030 00 fb de 59 00 00 48 54 54 50 2f 31 2e 31 20 32 ..Y..HT TP/1.1 2
0040 30 30 20 4f 4b 0d 0a 78 2d 61 6d 7a 2d 69 64 2d 00 OK..x -amz-id-
0050 32 3a 20 42 71 74 6f 4b 61 69 56 4b 77 36 47 36 2: BqtoK aiVKw6G6
0060 6e 73 68 62 43 6e 64 50 6e 52 4c 54 49 41 63 74 nshbCndP nRLTIAct
0070 77 46 73 48 30 73 38 49 7a 6c 75 6b 47 77 64 53 wFsH0s8I zlukGwDS

Transmission Control Protocol (tcp), 20 bytes

Packets: 54511 · Displayed: 14 (0.0%)

Profile: Default