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Download Wireshark

The current stable release of Wireshark is 4.0.3. It supersedes all previous releases.

Stable Release (4.0.3)

 [Windows Installer \(64-bit\)](#)
[Windows PortableApps® \(64-bit\)](#)
[macOS Arm 64-bit .dmg](#)
[macOS Intel 64-bit .dmg](#)
[Source Code](#)

Old Stable Release (3.6.11)

Documentation

Not What You're Looking For?

Older Releases

All present and past releases can be found in [our download area](#).

Installation Notes

For a complete list of system requirements and supported platforms, please consult [the User's Guide](#).

Information about each release can be found in [the release notes](#).

Each Windows package comes with the latest stable release of Npcap, which is required for live packet capture. If you need it separately from the Npcap web site.

Sponsors



<https://2.na.dl.wireshark.org/win64/Wireshark-win64-4.0.3.exe>

73°F
Mostly sunny



Search



ENG
IN



9:21 AM
2/13/2023





Wireshark 4.0.3 64-bit Setup

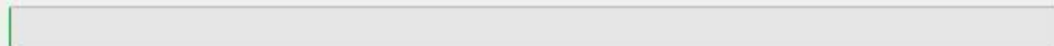


Installing

Please wait while Wireshark 4.0.3 64-bit is being installed.



Extract: libwireshark.dll... 52%



Output folder: C:\Program Files\Wireshark

Extract: uninstall-wireshark.exe

Extract: libwiretap.dll

Wireshark® Installer

< Back

Next >

Cancel



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



Welcome to Wireshark

Capture

...using this filter:

All interfaces shown ▾

Wi-Fi 2 /

- Local Area Connection* 8
- Local Area Connection* 7
- Local Area Connection* 6
- Bluetooth Network Connection
- VMware Network Adapter VMnet8
- VMware Network Adapter VMnet1
- Local Area Connection* 12
- Local Area Connection* 11
- Adapter for loopback traffic capture

Learn

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You are running Wireshark 4.0.3 (v4.0.3-0-gc552f74cdc23). You receive automatic updates.

Ready to load or capture

No Packets

Profile: Default

73°F
Mostly sunny



Search

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1



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

No.	Time	Source	Destination	Protocol	Length	Info
2359	3.491250	HewlettP_bf:49:cd	Broadcast	ARP	60	Who has 172.18.51.43? Tell 172.18.52.84
2360	3.491987	HewlettP_bf:50:b5	Broadcast	ARP	60	Who has 172.18.59.71? Tell 172.18.52.63
2361	3.491987	HewlettP_07:ec:1f	Broadcast	ARP	60	Who has 172.18.59.113? Tell 172.18.55.122
2362	3.492096	HewlettP_bf:4c:31	Broadcast	ARP	60	Who has 172.18.63.11? Tell 172.18.51.127
2363	3.492096	HewlettP_07:fa:ff	Broadcast	ARP	60	Who has 172.18.60.106? Tell 172.18.52.79
2364	3.492780	HewlettP_bf:51:1b	Broadcast	ARP	60	Who has 172.18.48.1? Tell 172.18.51.244
2365	3.493848	HewlettP_bf:49:cd	Broadcast	ARP	60	Who has 172.18.51.37? Tell 172.18.52.84
2366	3.493848	HewlettP_bf:50:b5	Broadcast	ARP	60	Who has 172.18.59.88? Tell 172.18.52.63
2367	3.496104	HewlettP_07:ec:1f	Broadcast	ARP	60	Who has 172.18.59.110? Tell 172.18.55.122
2368	3.496104	HewlettP_bf:49:cd	Broadcast	ARP	60	Who has 172.18.51.36? Tell 172.18.52.84
2369	3.496498	HewlettP_bf:50:b5	Broadcast	ARP	60	Who has 172.18.59.85? Tell 172.18.52.63
2370	3.496498	HewlettP_07:ec:1f	Broadcast	ARP	60	Who has 172.18.61.117? Tell 172.18.55.122
2371	3.496619	HewlettP_bf:49:cd	Broadcast	ARP	60	Who has 172.18.49.176? Tell 172.18.52.84
2372	3.499831	HewlettP_bf:50:b5	Broadcast	ARP	60	Who has 172.18.56.39? Tell 172.18.52.63
2373	3.499898	HewlettP_07:ec:1f	Broadcast	ARP	60	Who has 172.18.56.39? Tell 172.18.55.122
2374	3.499898	HewlettP_bf:4c:31	Broadcast	ARP	60	Who has 172.18.51.150? Tell 172.18.51.127
2375	3.501362	HewlettP_bf:51:1b	Broadcast	ARP	60	Who has 172.18.57.77? Tell 172.18.51.244
2376	3.589814	HewlettP_bf:50:b5	Broadcast	ARP	60	Who has 172.18.57.236? Tell 172.18.52.63

> Frame 1: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface \Device\NPF_{B6AFD9C2-E...}

> Ethernet II, Src: HewlettP_bf:4b:cb (cc:3e:5f:bf:4b:cb), Dst: Broadcast (ff:ff:ff:ff:ff:ff)

> Address Resolution Protocol (request)

```
0000  ff ff ff ff ff cc 3e 5f bf 4b cb 08 06 00 01  .....>  _K.....
0010  08 00 06 04 00 01 cc 3e 5f bf 4b cb ac 12 38 43  .....>  _K...8C
0020  00 00 00 00 00 00 ac 12 30 bd 00 00 00 00 00 00  .....>  0.....
0030  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  .....>  .....
```



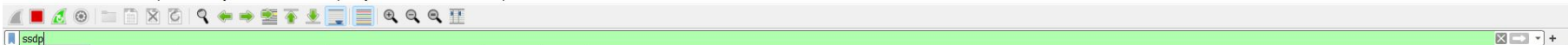


No.	arp	Time	Source	Destination	Protocol	Length	Info
58194	94.841374		HewlettP_19:3f:7c	Broadcast	ARP	60	Who has 172.18.58.70? Tell 172.18.57.165
58195	94.843623		HewlettP_19:3f:7c	Broadcast	ARP	60	Who has 172.18.54.4? Tell 172.18.57.165
58196	94.843623		HewlettP_19:53:9c	Broadcast	ARP	60	Who has 172.18.60.98? Tell 172.18.50.118
58199	94.844750		HewlettP_19:3f:7c	Broadcast	ARP	60	Who has 172.18.58.98? Tell 172.18.57.165
58200	94.845993		HewlettP_19:53:9c	Broadcast	ARP	60	Who has 172.18.49.120? Tell 172.18.50.118
58201	94.845993		HewlettP_19:53:9c	Broadcast	ARP	60	Who has 172.18.49.124? Tell 172.18.50.118
58202	94.846789		HewlettP_19:3f:7c	Broadcast	ARP	60	Who has 172.18.58.219? Tell 172.18.57.165
58203	94.847291		HewlettP_19:53:9c	Broadcast	ARP	60	Who has 172.18.49.152? Tell 172.18.50.118
58204	94.847291		HewlettP_19:3f:7c	Broadcast	ARP	60	Who has 172.18.56.36? Tell 172.18.57.165
58205	94.849472		HewlettP_19:53:9c	Broadcast	ARP	60	Who has 172.18.49.123? Tell 172.18.50.118
58206	94.850420		HewlettP_19:53:9c	Broadcast	ARP	60	Who has 172.18.49.19? Tell 172.18.50.118
58208	94.851748		HewlettP_19:3f:7c	Broadcast	ARP	60	Who has 172.18.50.137? Tell 172.18.57.165
58209	94.853354		HewlettP_19:53:9c	Broadcast	ARP	60	Who has 172.18.48.153? Tell 172.18.50.118
58210	94.853402		HewlettP_19:53:9c	Broadcast	ARP	60	Who has 172.18.49.249? Tell 172.18.50.118
58212	94.854276		HewlettP_19:53:9c	Broadcast	ARP	60	Who has 172.18.59.244? Tell 172.18.50.118
58213	94.854539		HewlettP_19:53:9c	Broadcast	ARP	60	Who has 172.18.52.79? Tell 172.18.50.118
58214	94.854985		HewlettP_19:53:9c	Broadcast	ARP	60	Who has 172.18.49.230? Tell 172.18.50.118
58215	94.854985		HewlettP_19:53:9c	Broadcast	ARP	60	Who has 172.18.55.66? Tell 172.18.50.118

> Frame 20335: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface \Device\NPF_{B6AFD9
> Ethernet II, Src: HewlettP_bf:51:81 (cc:3e:5f:bf:51:81), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
> Address Resolution Protocol (request)

```
0000  ff ff ff ff ff ff cc 3e 5f bf 51 81 08 06 00 01  .....> _ .Q.....
0010  08 00 06 04 00 01 cc 3e 5f bf 51 81 ac 12 31 e6  .....> _ .Q...1.
0020  00 00 00 00 00 00 ac 12 3b c4 00 00 00 00 00 00  ..... ; .....
0030  00 00 00 00 00 00 00 00 00 00 00 00  ..... .....
```





No.	ssdp	Source	Destination	Protocol	Length	Info
67616	113.896616	172.18.48.160	239.255.255.250	SSDP	548	NOTIFY * HTTP/1.1
67617	113.896616	fe80::14c:4f4a:84bd...	ff02::c	SSDP	575	NOTIFY * HTTP/1.1
67618	113.898633	172.18.48.160	239.255.255.250	SSDP	167	M-SEARCH * HTTP/1.1
67619	113.898633	172.18.48.160	239.255.255.250	SSDP	538	NOTIFY * HTTP/1.1
67620	113.902002	172.18.48.160	239.255.255.250	SSDP	550	NOTIFY * HTTP/1.1
67621	113.902002	fe80::14c:4f4a:84bd...	ff02::c	SSDP	577	NOTIFY * HTTP/1.1
67623	113.904104	172.18.48.160	239.255.255.250	SSDP	493	NOTIFY * HTTP/1.1
67646	113.986801	172.18.35.237	239.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
67651	113.993009	172.18.35.237	239.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
67653	113.994696	169.254.52.46	239.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
67655	113.995664	172.18.48.160	239.255.255.250	SSDP	493	NOTIFY * HTTP/1.1
67656	113.996541	fe80::14c:4f4a:84bd...	ff02::c	SSDP	520	NOTIFY * HTTP/1.1
67657	113.997796	172.18.48.160	239.255.255.250	SSDP	540	NOTIFY * HTTP/1.1
67659	113.998776	172.18.35.137	239.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
67660	114.000942	172.18.61.60	239.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
67665	114.006282	172.18.34.105	239.255.255.250	SSDP	167	M-SEARCH * HTTP/1.1
67676	114.012984	172.18.60.160	239.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
67677	114.013076	172.18.49.189	239.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1

> Frame 20287: 217 bytes on wire (1736 bits), 217 bytes captured (1736 bits) on interface \Device\NPF_{B6...}

> Ethernet II, Src: IntelCor_86:74:e6 (28:16:ad:86:74:e6), Dst: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)

> Internet Protocol Version 4, Src: 172.18.59.149, Dst: 239.255.255.250

> User Datagram Protocol, Src Port: 56227, Dst Port: 1900

> Simple Service Discovery Protocol

```

0000 01 00 5e 7f ff fa 28 16 ad 86 74 e6 08 00 45 00 ..^...(-.t...E-
0010 00 cb 67 6d 00 00 01 11 7a 13 ac 12 3b 95 ef ff ..gm....z...;...
0020 ff fa db a3 07 6c 00 b7 c9 2c 4d 2d 53 45 41 52 .....1...M-SEAR
0030 43 48 20 2a 20 48 54 54 50 2f 31 2e 31 0d 0a 48 CH * HTTP/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:discover"
0070 0a 4d 58 3a 20 31 0d 0a 53 54 3a 20 75 72 6e 3a .MX: 1..ST: urn:
0080 64 69 61 6c 2d 6d 75 6c 74 69 73 63 72 65 65 6e dial-multiscreen
0090 2d 6f 72 67 3a 73 65 72 76 69 63 65 3a 64 69 61 -org:service:dia
00a0 6c 3a 31 0d 0a 55 53 45 52 2d 41 47 45 4e 54 3a l:1..USER-AGENT:
00b0 20 4d 69 63 72 6f 73 6f 66 74 20 45 64 6f 65 2f Microsof Edge/
00c0 31 31 30 2e 30 2e 31 35 38 37 2e 34 31 20 57 69 110.0.15 87.41 Wi
00d0 6e 64 6f 77 73 0d 0a 0d 0a ndows...

```



udp

No.	udp	Source	Destination	Protocol	Length	Info
	udpcap	1162	fe80::843b:afff:fe0...	MDNS	123	Standard query 0x0000 ANY Android-8.local, "QU" question AAAA fe80::843b:afff:fe04:b7ea
	udpencap	1162	172.18.36.233	MDNS	364	Standard query response 0x0000 TXT, cache flush PTR _apple-mobdev2._tcp.local PTR 5c:52:84:98:58:71@fe80::5e52:84ff:fe98:5871-sup...
	udplite	1162	fe80::889:118f:5309...	MDNS	384	Standard query response 0x0000 TXT, cache flush PTR _apple-mobdev2._tcp.local PTR 5c:52:84:98:58:71@fe80::5e52:84ff:fe98:5871-sup...
73615	124.141779	0.0.0.0	255.255.255.255	DHCP	352	DHCP Discover - Transaction ID 0x4079d948
73616	124.143249	172.18.35.138	224.0.0.251	MDNS	103	Standard query 0x0002 PTR _233637DE._sub._googlecast._tcp.local, "QM" question PTR _googlecast._tcp.local, "QM" question
73618	124.144719	172.18.57.39	239.255.255.250	SSDP	179	M-SEARCH * HTTP/1.1
73622	124.146563	fe80::9072:b119:481...	ff02::c	SSDP	521	NOTIFY * HTTP/1.1
73624	124.146563	172.18.35.132	224.0.0.251	MDNS	103	Standard query 0x0002 PTR _233637DE._sub._googlecast._tcp.local, "QM" question PTR _googlecast._tcp.local, "QM" question
73628	124.152674	fe80::fd88:be2c:70d...	ff02::fb	MDNS	139	Standard query response 0x0000 AAAA fe80::fd88:be2c:70dd:96b5 A 172.18.50.114
73630	124.153482	0.0.0.0	255.255.255.255	DHCP	362	DHCP Request - Transaction ID 0x4079d948
73633	124.154768	172.18.49.87	239.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
73636	124.156661	172.18.33.56	224.0.0.251	MDNS	199	Standard query 0x0000 ANY iPhone _rdlink._tcp.local, "QM" question ANY iPhone-99.local, "QM" question SRV 0 0 49157 iPhone-99...
73637	124.156661	fe80::18dc:2c39:359...	ff02::fb	MDNS	219	Standard query 0x0000 ANY iPhone _rdlink._tcp.local, "QM" question ANY iPhone-99.local, "QM" question SRV 0 0 49157 iPhone-99...
73642	124.158655	fe80::d8a4:4032:ff9...	ff02::fb	MDNS	101	Standard query 0x0000 ANY DESKTOP-L1EMAG6.local, "QM" question
73643	124.158655	fe80::d8a4:4032:ff9...	ff02::1:3	LLMNR	95	Standard query 0xbcaa ANY DESKTOP-L1EMAG6
73645	124.159580	172.18.50.145	239.255.255.250	SSDP	484	NOTIFY * HTTP/1.1
73646	124.159580	fe80::9072:b119:481...	ff02::c	SSDP	512	NOTIFY * HTTP/1.1
73648	124.160854	172.18.50.52	224.0.0.251	MDNS	291	Standard query response 0x0000 PTR, cache flush Android-30.local PTR, cache flush Android-30.local A, cache flush 172.18.50.52 AA...

> Frame 20287: 217 bytes on wire (1736 bits), 217 bytes captured (1736 bits) on interface \Device\NPF_{B6...}

> Ethernet II, Src: IntelCor_86:74:e6 (28:16:ad:86:74:e6), Dst: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)

> Internet Protocol Version 4, Src: 172.18.59.149, Dst: 239.255.255.250

> User Datagram Protocol, Src Port: 56227, Dst Port: 1900

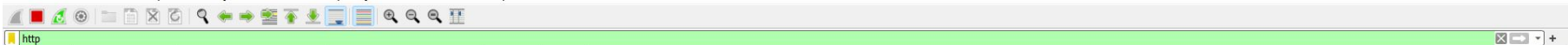
> Simple Service Discovery Protocol

```

0000  01 00 5e 7f ff fa 28 16 ad 86 74 e6 08 00 45 00  ..^...(-.t...E-
0010  00 cb 67 6d 00 00 01 11 7a 13 ac 12 3b 95 ef ff  ..gm....z...;...
0020  ff fa db a3 07 6c 00 b7 c9 2c 4d 2d 53 45 41 52  ....l..._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 64 70 3a 64 69 73 63 6f 76 65 72 22 0d    "ssdp:discover"
0070  0a 4d 58 3a 20 31 0d 0a 53 54 3a 20 75 72 6e 3a  -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:service:dia
00a0  6c 3a 31 0d 0a 55 53 45 52 2d 41 47 45 4e 54 3a  l:1..USE R-AGENT:
00b0  20 4d 69 63 72 6f 73 6f 66 74 20 45 64 67 65 2f  Microso ft Edge/
00c0  31 31 30 2e 30 2e 31 35 38 37 2e 34 31 20 57 69  110.0.15 87.41 Wi
00d0  6e 64 6f 77 73 0d 0a 0d 0a                      ndows...

```





No.	Time	Source	Destination	Protocol	Length	Info
20339	34.573106	172.18.60.34	184.27.122.48	HTTP	336	GET /msdownload/update/v3/static/trustedr/en/pinrulesstl.cab?15c1ac8fd410d793 HTTP/1.1
20471	34.830369	184.27.122.48	172.18.60.34	HTTP	383	HTTP/1.1 304 Not Modified
79839	135.506398	172.18.60.34	13.107.4.52	HTTP	208	GET /connecttest.txt HTTP/1.1
79854	135.575743	13.107.4.52	172.18.60.34	HTTP	631	HTTP/1.1 200 OK (text/plain)

> Frame 20339: 336 bytes on wire (2688 bits), 336 bytes captured (2688 bits) on interface \Device\NPF_{B6...}
> Ethernet II, Src: Chongqin_ce:60:f7 (c8:94:02:ce:60:f7), Dst: Cisco_c8:4d:57 (38:90:a5:c8:4d:57)
> Internet Protocol Version 4, Src: 172.18.60.34, Dst: 184.27.122.48
> Transmission Control Protocol, Src Port: 60261, Dst Port: 80, Seq: 1, Ack: 1, Len: 282
> Hypertext Transfer Protocol

```
0000 38 90 a5 c8 4d 57 c8 94 02 ce 60 f7 08 00 45 00 8...MW...E-
0010 01 42 cd 33 40 00 80 06 12 02 ac 12 3c 22 b8 1b .B.3@...<"..
0020 7a 30 eb 65 00 50 18 d3 16 d3 51 0a 75 75 50 18 z0.e-P...Q.uuP.
0030 02 01 c4 8f 00 00 47 45 54 20 2f 6d 73 64 6f 77 .....GE T /msdow
0040 6e 6c 6f 61 64 2f 75 70 64 61 74 65 2f 76 33 2f nload/up date/v3/
0050 73 74 61 74 69 63 2f 74 72 75 73 74 65 64 72 2f static/t rustedr/
0060 65 6e 2f 70 69 6e 72 75 6c 65 73 73 74 6c 2e 63 en/pinru lesstl.c
0070 61 62 3f 31 35 63 31 61 63 38 66 64 34 31 30 64 ab?15c1a c8fd410d
0080 37 39 33 20 48 54 54 50 2f 31 2e 31 0d 0a 43 6f 793 HTTP /1.1..Co
0090 6e 6e 65 63 74 69 6f 6e 3a 20 4b 65 65 70 2d 41 nnection : Keep-A
00a0 6c 69 76 65 0d 0a 41 63 63 65 70 74 3a 20 2a 2f live..Ac cept: */
00b0 2a 0d 0a 49 66 2d 4d 6f 64 69 66 69 65 64 2d 53 *-If-Mo dified-S
00c0 69 6e 63 65 3a 20 46 72 69 2c 20 30 32 20 4a 75 ince: Fr i, 02 Ju
00d0 6e 20 32 30 31 37 20 31 37 3a 33 39 3a 30 35 20 n 2017 1 7:39:05
00e0 47 4d 54 0d 0a 49 66 2d 4e 6f 6e 65 2d 4d 61 74 GMT..If- None-Mat
00f0 63 68 3a 20 22 38 30 34 32 34 30 32 31 63 37 64 ch: "804 24021c7d
0100 62 64 32 31 3a 30 22 0d 0a 55 73 65 72 2d 41 67 bd21:0"-User-Ag
0110 65 6e 74 3a 20 4d 69 63 72 6f 73 6f 66 74 2d 43 ent: Mic rosoft-C
0120 72 79 70 74 6f 41 50 49 2f 31 30 2e 30 0d 0a 48 ryptoAPI /10.0..H
0130 6f 73 74 3a 20 63 74 6c 64 6c 2e 77 69 6e 64 6f ost: ctl dl.windo
0140 77 73 75 70 64 61 74 65 2e 63 6f 6d 0d 0a 0d 0a wsupdate .com....
```

Hypertext Transfer Protocol: Protocol

Packets: 120809 · Displayed: 4 (0.0%)

Profile: Default

73°F
Mostly sunny

Search

ENG
IN9:25 AM
2/13/2023