

Join us June 14-19 in Richmond, Virginia for SharkFest'25 US, the official Wireshark Developer and User Conference

**WIRESHARK** Download Shop Learn About Blog Get Help Develop Members Donate

## Download Wireshark

The current stable release of Wireshark is 4.4.5. It supersedes all previous releases.

▼ Stable Release: 4.4.5

- Windows x64 Installer
- Windows Arm64 Installer
- Windows x64 PortableApps®
- macOS Arm Disk Image
- macOS Intel Disk Image
- Source Code

Big News: Introducing Stratoshark - "Wireshark for the Cloud!" - Click here to learn more

Documentation

### Wireshark 4.4.5 x64 Setup

**Installing**

Please wait while Wireshark 4.4.5 x64 is being installed.

Extract: ws-statistics-menu.png

Extract: ws-pref-protocols.png

Extract: ws-pref-rsa-keys.png

Extract: ws-pref-statistics.png

Extract: ws-print.png

Extract: ws-resolved-addr.png

Extract: ws-rlc-graph.png

Extract: ws-save-as-qt5.png

Extract: ws-save-as-win32.png

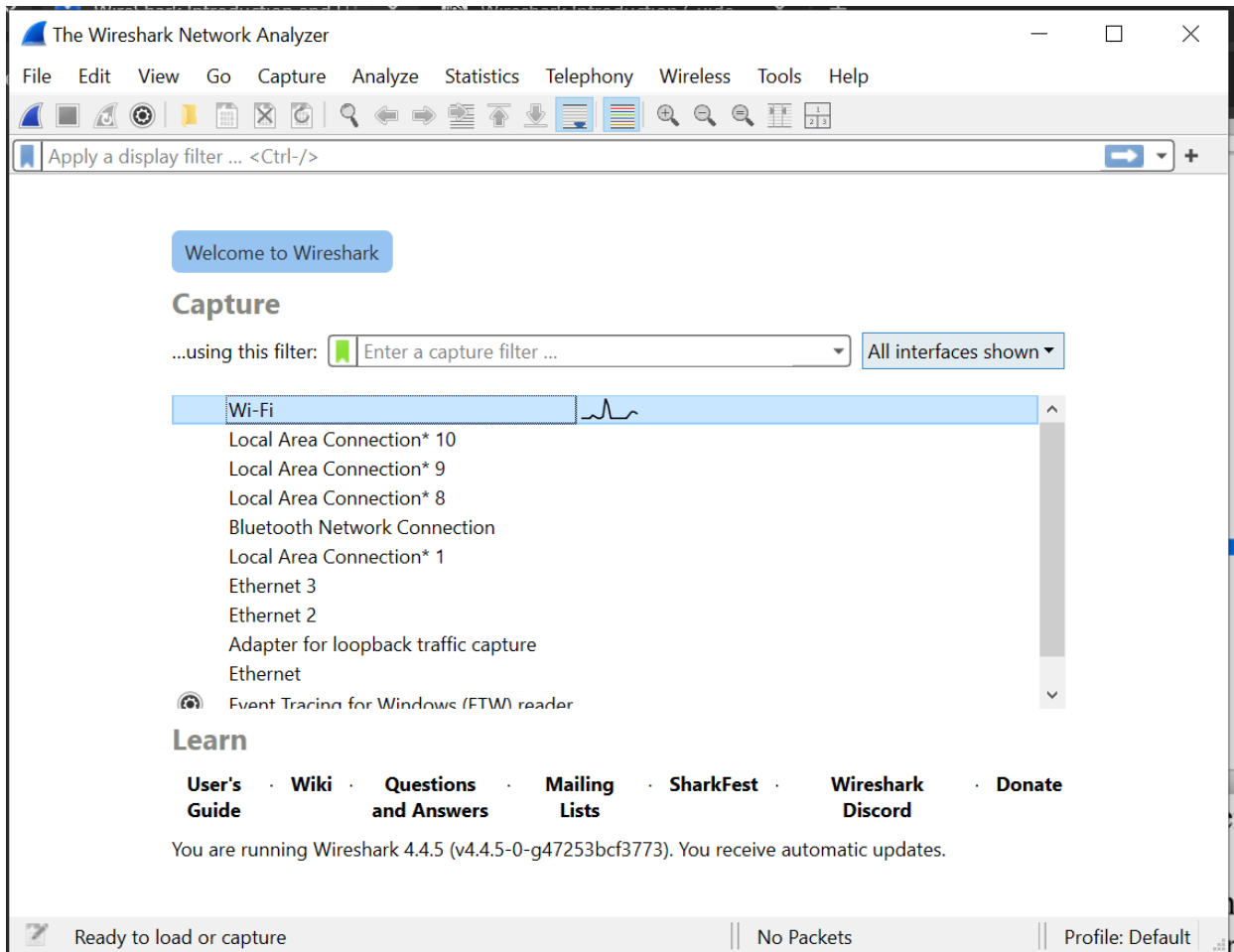
Extract: ws-sctp-1-association.png

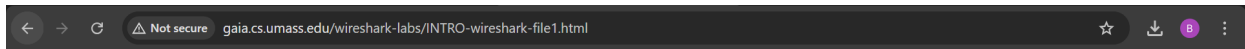
Extract: ws-sctp.png

Extract: ws-ssp-statistics.png

Wireshark® Installer

< Back Next > Cancel





Congratulations! You've downloaded the first Wireshark lab file!

Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

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

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	2620:1ec:46::254	2400:adc5:173:400:d...	TLSv1.2	105	Encrypted Alert
2	0.000125	2400:adc5:173:400:d...	2620:1ec:46::254	TCP	74	49958 → 443 [ACK] Seq=1 Ack=32 Win=1019 Len=0
3	0.000488	2620:1ec:46::254	2400:adc5:173:400:d...	TCP	74	443 → 49958 [FIN, ACK] Seq=32 Ack=1 Win=83 Len=0
4	0.000566	2400:adc5:173:400:d...	2620:1ec:46::254	TCP	74	49958 → 443 [ACK] Seq=1 Ack=33 Win=1019 Len=0
5	0.493806	2620:1ec:48:1::254	2400:adc5:173:400:d...	TLSv1.2	105	Encrypted Alert
6	0.493876	2400:adc5:173:400:d...	2620:1ec:48:1::254	TCP	74	49959 → 443 [ACK] Seq=1 Ack=32 Win=1020 Len=0
7	0.495472	2620:1ec:48:1::254	2400:adc5:173:400:d...	TCP	74	443 → 49959 [FIN, ACK] Seq=32 Ack=1 Win=83 Len=0
8	0.495517	2400:adc5:173:400:d...	2620:1ec:48:1::254	TCP	74	49959 → 443 [ACK] Seq=1 Ack=33 Win=1020 Len=0
9	2.386645	2400:adc5:173:400:d...	2a00:1450:4018:803::...	UDP	91	55699 → 443 Len=29
10	2.448433	2a00:1450:4018:803::...	2400:adc5:173:400:d...	UDP	86	443 → 55699 Len=24

> Frame 1: 105 bytes on wire (840 bits), 105 bytes captured (840 bits) on interface \Device\NPF{...}

> Ethernet II, Src: HuaweiTechno\_35:5e:c8 (f8:98:ef:35:5e:c8), Dst: Intel\_46:c2:a6 (38:d1:15:46:c2:a6)

> Internet Protocol Version 6, Src: 2620:1ec:46::254, Dst: 2400:adc5:173:400:d4ff:5b2f:d000

> Transmission Control Protocol, Src Port: 443, Dst Port: 49958, Seq: 1, Ack: 1, Len: 33

> Transport Layer Security

0000 38 de ad 46 c2 a6 f8 98 ef 35 5e c8 86 dd 65 06 8...F....5^...e.  
0010 4c c9 00 33 06 2f 26 20 01 ec 00 46 00 00 00 00 L..3./& ...F....  
0020 00 00 00 00 02 54 24 00 ad c5 01 73 04 00 d4 ff .....T\$ ...s....  
0030 5b 2f d2 2f 74 dc 01 bb c3 26 94 df d8 ba 8c b8 [/]/t...&.....  
0040 f9 28 50 18 00 53 51 59 00 00 15 03 03 00 1a f9 (P..SQV .....  
0050 b7 ef 70 95 d3 58 5a 88 cb d4 03 c6 ea 69 2c 94 {..XZ.....i.,  
0060 c8 f7 dc 74 cc 69 be ff 79 ...t.i...y

Wi-Fi: <live capture in progress> Packets: 10 Profile: Default

Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

http

No.	Time	Source	Destination	Protocol	Length	Info
3162	143.945642	2400:adc5:173:400:d...	2600:140f:7200:282:...	HTTP	328	GET / HTTP/1.1
3180	144.142465	2600:140f:7200:282:...	2400:adc5:173:400:d...	HTTP	426	HTTP/1.1 200 OK (application/pkix-cert)
3192	144.483208	2400:adc5:173:400:d...	2600:140f:7200:285:...	HTTP	328	GET / HTTP/1.1
3207	144.677049	2600:140f:7200:285:...	2400:adc5:173:400:d...	HTTP	327	HTTP/1.1 200 OK (application/pkix-cert)
3222	144.694693	2400:adc5:173:400:d...	2604:a880:4:1d0::1f...	HTTP	504	GET / HTTP/1.1
3255	144.980241	2604:a880:4:1d0::1f...	2400:adc5:173:400:d...	HTTP	1402	HTTP/1.1 200 OK (text/html)
3286	145.152357	2400:adc5:173:400:d...	2604:a880:4:1d0::1f...	HTTP	390	GET /js/init.min.js HTTP/1.1
3329	145.434783	2604:a880:4:1d0::1f...	2400:adc5:173:400:d...	HTTP	492	HTTP/1.1 200 OK (application/javascript)
3332	145.441133	2400:adc5:173:400:d...	2604:a880:4:1d0::1f...	HTTP	408	GET /css/style.min.css HTTP/1.1
3333	145.441234	2400:adc5:173:400:d...	2604:a880:4:1d0::1f...	HTTP	413	GET /css/style-wide.min.css HTTP/1.1
3336	145.713170	2400:adc5:173:400:d...	2604:a880:4:1d0::1f...	HTTP	415	GET /css/style-normal.min.css HTTP/1.1
3350	145.722477	2604:a880:4:1d0::1f...	2400:adc5:173:400:d...	HTTP	976	HTTP/1.1 200 OK (text/css)
3353	145.993854	2604:a880:4:1d0::1f...	2400:adc5:173:400:d...	HTTP	1186	HTTP/1.1 200 OK (text/css)
3357	146.001029	2604:a880:4:1d0::1f...	2400:adc5:173:400:d...	HTTP	400	HTTP/1.1 200 OK (text/css)

> Frame 3162: 328 bytes on wire (2624 bits), 328 bytes captured (2624 bits) on interface  
> Ethernet II, Src: Intel\_46:c2:a6 (38:de:ad:46:c2:a6), Dst: HuaweiTechno\_35:5e:c8 (f8:d  
> Internet Protocol Version 6, Src: 2400:adc5:173:400:d4ff:5b2f:d22f:74dc, Dst: 2600:140  
> Transmission Control Protocol, Src Port: 50104, Dst Port: 80, Seq: 1, Ack: 1, Len: 254  
> Hypertext Transfer Protocol

0000 f8 98 ef 35 5e c8 38 de ad 46 c2 a6 86 dd 60 05 ...5^8: F...  
0010 f0 4f 01 12 06 40 24 00 ad c5 01 73 04 00 d4 ff ...0...@\$. ...s...  
0020 5b 2f d2 2f 74 dc 26 00 14 0f 72 00 02 82 00 00 [/:/t:& ...  
0030 00 00 00 21 cc c3 b8 00 50 41 31 69 74 41 40 ...: ... PA1itA@  
0040 4a 12 50 18 01 03 8d cf 00 00 47 45 54 20 2f 20 J-P...GET /  
0050 48 54 50 2f 31 2e 31 0d 0a 48 6f 73 74 3a 20 HTTP/1.1 --Host:  
0060 78 31 2e 69 2e 6c 65 6e 63 72 2e 6f 72 67 0d 0a xi.i.len cr.org  
0070 43 6f 6e 6e 65 63 74 69 6f 6e 3a 20 6b 65 65 70 Connection: keep  
0080 2d 61 6c 69 76 65 0d 0a 65 73 65 72 2d 41 67 65 -alive...User-Age  
0090 6e 74 3a 20 4d 6f 7a 69 6c 6e 61 2f 35 2e 30 20 nt: Mozilla/5.0  
00a0 28 57 69 6e 64 6f 77 73 20 4e 54 20 31 30 2e 30 (Windows NT 10.0  
00b0 3b 20 57 69 6e 36 34 3b 20 78 36 34 29 20 41 70 ; Win64; x64) Ap  
00c0 70 6c 65 57 65 62 4b 69 74 2f 35 33 37 2e 33 36 pleWebKi t/537.36  
00d0 20 28 4b 48 54 4d 4c 2c 20 6c 69 6b 65 20 47 65 (KHTML, like Ge  
00e0 63 6b 6f 29 20 43 68 72 6f 6d 65 2f 31 33 34 2e cko) Chrome/134.  
00f0 30 2e 30 2e 30 20 53 61 66 61 72 69 2f 35 33 37 0.0.0 Safari/537  
0100 2e 33 36 0d 0a 41 63 63 65 70 74 2d 45 6e 63 6f .36--Acc ept-Enco  
0110 64 69 6e 67 3a 20 67 7a 69 70 2c 20 64 65 66 6c ding: gz ip, defl

Hypertext Transfer Protocol: Protocol

Packets: 3954 - Displayed: 23 (0.6%)

Profile: Default

Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

http

No.	Time	Source	Destination	Protocol	Length	Info
698	93.469880	2400:adc5:173:400:d...	2604:a880:4:1d0::1f...	HTTP	614	GET / HTTP/1.1
704	93.744368	2604:a880:4:1d0::1f...	2400:adc5:173:400:d...	HTTP	823	HTTP/1.1 304 Not Modified
757	96.764203	192.168.100.210	128.119.245.12	HTTP	638	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1
761	97.030469	128.119.245.12	192.168.100.210	HTTP	293	HTTP/1.1 304 Not Modified

> Frame 757: 638 bytes on wire (5104 bits), 638 bytes captured (5104 bits) on interface  
> Ethernet II, Src: Intel\_46:c2:a6 (38:de:ad:46:c2:a6), Dst: HuaweiTechno\_35:5e:c8 (f8:5  
> Internet Protocol Version 4, Src: 192.168.100.210, Dst: 128.119.245.12  
> Transmission Control Protocol, Src Port: 50177, Dst Port: 80, Seq: 1, Ack: 1, Len: 584  
> Hypertext Transfer Protocol

0000 f8 98 ef 35 5e c8 38 de ad 46 c2 a6 08 00 45 00 ...5^8: F...E-  
0010 02 70 74 7a 40 00 80 06 e9 0e c0 a8 64 d2 80 77 ...ptz@...-d-w  
0020 f5 0c c4 01 00 50 81 27 9b 2b 01 81 05 9c 50 18 ...-P...+...P-  
0030 01 03 d3 35 00 00 47 45 54 20 2f 77 69 72 65 73 ...5--GE T /wires  
0040 68 61 72 6b 2d 6c 61 62 73 2f 49 4e 54 52 4f 2d hark-lab s/INTRO-  
0050 77 69 72 65 73 68 61 72 6b 2d 66 69 6c 65 31 2e wireshar k-file1.  
0060 68 74 6d 6c 20 48 54 54 50 2f 31 2e 31 0d 0a 48 html HTT P/1.1--H  
0070 6f 73 74 3a 20 67 61 69 61 2e 63 73 2e 75 6d 61 ost: gai a.cs.uma  
0080 73 73 2e 65 64 75 0d 0a 43 6f 6e 6e 65 63 74 69 ss.edu-- Connecti  
0090 6f 6e 3a 20 6b 65 65 70 2d 61 6c 69 76 65 0d 0a on: keep -alive-  
00a0 43 61 63 68 65 2d 43 6f 6e 74 72 6f 6c 3a 20 6d Cache-Co ntrol: m  
00b0 61 78 2d 61 67 65 3d 30 0d 0a 55 70 67 72 61 64 ax-age=0 --Upgrad  
00c0 65 2d 49 6e 73 65 63 75 72 65 2d 52 65 71 75 65 e-Insecu re-Reque  
00d0 73 74 73 3a 20 31 0d 0a 55 73 65 72 2d 41 67 65 sts: 1--User-Age  
00e0 6e 74 3a 20 4d 6f 7a 69 6c 6e 61 2f 35 2e 30 20 nt: Mozilla/5.0  
00f0 28 57 69 6e 64 6f 77 73 20 4e 54 20 31 30 2e 30 (Windows NT 10.0  
0100 3b 20 57 69 6e 36 34 3b 20 78 36 34 29 20 41 70 ; Win64; x64) Ap  
0110 70 6c 65 57 65 62 4b 69 74 2f 35 33 37 2e 33 36 pleWebKi t/537.36

Hypertext Transfer Protocol: Protocol

Packets: 796 - Displayed: 4 (0.5%)

Profile: Default