

No.	Time	Source	Destination	Protocol	Length	Info
525	11.593564	172.19.104.244	128.119.245.12	HTTP	540	GET /
wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1						
Frame 525: 540 bytes on wire (4320 bits), 540 bytes captured (4320 bits) on interface en0, id 0						
Ethernet II, Src: Apple_c7:d5:d2 (74:a6:cd:c7:d5:d2), Dst: NewH3CTechno_ba:6a:01 (28:e4:24:ba:6a:01)						
Internet Protocol Version 4, Src: 172.19.104.244, Dst: 128.119.245.12						
Transmission Control Protocol, Src Port: 50167, Dst Port: 80, Seq: 1, Ack: 1, Len: 486						
Hypertext Transfer Protocol						
GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1\r\n						
Request Method: GET						
Request URI: /wireshark-labs/HTTP-wireshark-file1.html						
Request Version: HTTP/1.1						
Host: gaia.cs.umass.edu\r\n						
Connection: keep-alive\r\n						
DNT: 1\r\n						
Upgrade-Insecure-Requests: 1\r\n						
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like						
Gecko) Chrome/129.0.0.0 Safari/537.36\r\n						
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/						
apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7\r\n						
Accept-Encoding: gzip, deflate\r\n						
Accept-Language: en-US,en;q=0.9\r\n						
\r\n						
[Response in frame: 537]						
[Full request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file1.html]						
0000	28 e4 24 ba 6a 01 74 a6 cd c7 d5 d2 08 00 45 00	(.\$.j.t.....E.				
0010	02 0e 00 00 40 00 40 06 ae 5e ac 13 68 f4 80 77@.@..^..h..w				
0020	f5 0c c3 f7 00 50 dd 11 57 20 48 42 43 18 50 18P..W HBC.P.				
0030	10 00 1c d9 00 00 47 45 54 20 2f 77 69 72 65 73GET /wires				
0040	68 61 72 6b 2d 6c 61 62 73 2f 48 54 54 50 2d 77	hark-labs/HTTP-w				
0050	69 72 65 73 68 61 72 6b 2d 66 69 6c 65 31 2e 68	ireshark-file1.h				
0060	74 6d 6c 20 48 54 54 50 2f 31 2e 31 0d 0a 48 6f	tml HTTP/1.1..Ho				
0070	73 74 3a 20 67 61 69 61 2e 63 73 2e 75 6d 61 73	st: gaia.cs.umas				
0080	73 2e 65 64 75 0d 0a 43 6f 6e 6e 65 63 74 69 6f	s.edu..Connectio				
0090	6e 3a 20 6b 65 65 70 2d 61 6c 69 76 65 0d 0a 44	n: keep-alive..D				
00a0	4e 54 3a 20 31 0d 0a 55 70 67 72 61 64 65 2d 49	NT: 1..Upgrade-I				
00b0	6e 73 65 63 75 72 65 2d 52 65 71 75 65 73 74 73	nsecure-Requests				
00c0	3a 20 31 0d 0a 55 73 65 72 2d 41 67 65 6e 74 3a	: 1..User-Agent:				
00d0	20 4d 6f 7a 69 6c 6c 61 2f 35 2e 30 20 28 4d 61	Mozilla/5.0 (Ma				
00e0	63 69 6e 74 6f 73 68 3b 20 49 6e 74 65 6c 20 4d	cintosh; Intel M				
00f0	61 63 20 4f 53 20 58 20 31 30 5f 31 35 5f 37 29	ac OS X 10_15_7)				
0100	20 41 70 70 6c 65 57 65 62 4b 69 74 2f 35 33 37	AppleWebKit/537				
0110	2e 33 36 20 28 4b 48 54 4d 4c 2c 20 6c 69 6b 65	.36 (KHTML, like				
0120	20 47 65 63 6b 6f 29 20 43 68 72 6f 6d 65 2f 31	Gecko) Chrome/1				
0130	32 39 2e 30 2e 30 2e 30 20 53 61 66 61 72 69 2f	29.0.0.0 Safari/				
0140	35 33 37 2e 33 36 0d 0a 41 63 63 65 70 74 3a 20	537.36..Accept:				
0150	74 65 78 74 2f 68 74 6d 6c 2c 61 70 70 6c 69 63	text/html,applic				
0160	61 74 69 6f 6e 2f 78 68 74 6d 6c 2b 78 6d 6c 2c	ation/xhtml+xml,				
0170	61 70 70 6c 69 63 61 74 69 6f 6e 2f 78 6d 6c 3b	application/xml;				
0180	71 3d 30 2e 39 2c 69 6d 61 67 65 2f 61 76 69 66	q=0.9,image/avif				
0190	2c 69 6d 61 67 65 2f 77 65 62 70 2c 69 6d 61 67	,image/webp,imag				
01a0	65 2f 61 70 6e 67 2c 2a 2f 2a 3b 71 3d 30 2e 38	e/apng,*/*;q=0.8				
01b0	2c 61 70 70 6c 69 63 61 74 69 6f 6e 2f 73 69 67	,application/sig				
01c0	6e 65 64 2d 65 78 63 68 61 6e 67 65 3b 76 3d 62	ned-exchange;v=b				
01d0	33 3b 71 3d 30 2e 37 0d 0a 41 63 63 65 70 74 2d	3;q=0.7..Accept-				
01e0	45 6e 63 6f 64 69 6e 67 3a 20 67 7a 69 70 2c 20	Encoding: gzip,				
01f0	64 65 66 6c 61 74 65 0d 0a 41 63 63 65 70 74 2d	deflate..Accept-				
0200	4c 61 6e 67 75 61 67 65 3a 20 65 6e 2d 55 53 2c	Language: en-US,				
0210	65 6e 3b 71 3d 30 2e 39 0d 0a 0d 0a	en;q=0.9....				

No.	Time	Source	Destination	Protocol	Length	Info
537	11.904036	128.119.245.12	172.19.104.244	HTTP	540	HTTP/1.1 200 OK (text/html)
Frame 537: 540 bytes on wire (4320 bits), 540 bytes captured (4320 bits) on interface en0, id 0 Ethernet II, Src: NewH3CTechno_ba:6a:01 (28:e4:24:ba:6a:01), Dst: Apple_c7:d5:d2 (74:a6:cd:c7:d5:d2)						
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 172.19.104.244						
Transmission Control Protocol, Src Port: 80, Dst Port: 50167, Seq: 1, Ack: 487, Len: 486						
Hypertext Transfer Protocol						
HTTP/1.1 200 OK\r\n						
Response Version: HTTP/1.1						
Status Code: 200						
[Status Code Description: OK]						
Response Phrase: OK						
Date: Mon, 23 Sep 2024 01:13:35 GMT\r\n						
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.33 mod_perl/2.0.11 Perl/v5.16.3\r\n						
Last-Modified: Sun, 22 Sep 2024 05:59:01 GMT\r\n						
ETag: "80-622aef80fe295"\r\n						
Accept-Ranges: bytes\r\n						
Content-Length: 128\r\n						
Keep-Alive: timeout=5, max=100\r\n						
Connection: Keep-Alive\r\n						
Content-Type: text/html; charset=UTF-8\r\n						
\r\n						
[Request in frame: 525]						
[Time since request: 0.310472000 seconds]						
[Request URI: /wireshark-labs/HTTP-wireshark-file1.html]						
[Full request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file1.html]						
File Data: 128 bytes						
Line-based text data: text/html (4 lines)						
<html>\n						
Congratulations. You've downloaded the file \n						
http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file1.html!\n						
</html>\n						
0000	74 a6 cd c7 d5 d2 28 e4 24 ba 6a 01 08 00 45 74	t.....(.\$j...Et				
0010	02 0e 6f 61 40 00 1f 06 5f 89 80 77 f5 0c ac 13	..oa@..._.w....				
0020	68 f4 00 50 c3 f7 48 42 43 18 dd 11 59 06 50 18	h..P..HBC...Y.P.				
0030	00 ed ce ce 00 00 48 54 54 50 2f 31 2e 31 20 32HTTP/1.1 2				
0040	30 30 20 4f 4b 0d 0a 44 61 74 65 3a 20 4d 6f 6e	00 OK..Date: Mon				
0050	2c 20 32 33 20 53 65 70 20 32 30 32 34 20 30 31	, 23 Sep 2024 01				
0060	3a 31 33 3a 33 35 20 47 4d 54 0d 0a 53 65 72 76	:13:35 GMT..Serv				
0070	65 72 3a 20 41 70 61 63 68 65 2f 32 2e 34 2e 36	er: Apache/2.4.6				
0080	20 28 43 65 6e 74 4f 53 29 20 4f 70 65 6e 53 53	(CentOS) OpenSS				
0090	4c 2f 31 2e 30 2e 32 6b 2d 66 69 70 73 20 50 48	L/1.0.2k-fips PH				
00a0	50 2f 37 2e 34 2e 33 33 20 6d 6f 64 5f 70 65 72	P/7.4.33 mod_per				
00b0	6c 2f 32 2e 30 2e 31 31 20 50 65 72 6c 2f 76 35	l/2.0.11 Perl/v5				
00c0	2e 31 36 2e 33 0d 0a 4c 61 73 74 2d 4d 6f 64 69	.16.3..Last-Modi				
00d0	66 69 65 64 3a 20 53 75 6e 2c 20 32 32 20 53 65	fied: Sun, 22 Se				
00e0	70 20 32 30 32 34 20 30 35 3a 35 39 3a 30 31 20	p 2024 05:59:01				
00f0	47 4d 54 0d 0a 45 54 61 67 3a 20 22 38 30 2d 36	GMT..ETag: "80-6				
0100	32 32 61 65 66 38 30 66 65 32 39 35 22 0d 0a 41	22aef80fe295"..A				
0110	63 63 65 70 74 2d 52 61 6e 67 65 73 3a 20 62 79	ccept-Ranges: by				
0120	74 65 73 0d 0a 43 6f 6e 74 65 6e 74 2d 4c 65 6e	tes..Content-Len				
0130	67 74 68 3a 20 31 32 38 0d 0a 4b 65 65 70 2d 41	gth: 128..Keep-A				
0140	6c 69 76 65 3a 20 74 69 6d 65 6f 75 74 3d 35 2c	live: timeout=5,				
0150	20 6d 61 78 3d 31 30 30 0d 0a 43 6f 6e 6e 65 63	max=100..Connec				
0160	74 69 6f 6e 3a 20 4b 65 65 70 2d 41 6c 69 76 65	tion: Keep-Alive				
0170	0d 0a 43 6f 6e 74 65 6e 74 2d 54 79 70 65 3a 20	..Content-Type:				
0180	74 65 78 74 2f 68 74 6d 6c 3b 20 63 68 61 72 73	text/html; chars				
0190	65 74 3d 55 54 46 2d 38 0d 0a 0d 0a 3c 68 74 6d	et=UTF-8....<htm				
01a0	6c 3e 0a 43 6f 6e 67 72 61 74 75 6c 61 74 69 6f	l>.Congratulatio				
01b0	6e 73 2e 20 20 59 6f 75 27 76 65 20 64 6f 77 6e	ns. You've down				
01c0	6c 6f 61 64 65 64 20 74 68 65 20 66 69 6c 65 20	loaded the file				
01d0	0a 68 74 74 70 3a 2f 2f 67 61 69 61 2e 63 73 2e	.http://gaia.cs.				
01e0	75 6d 61 73 73 2e 65 64 75 2f 77 69 72 65 73 68	umass.edu/wiresh				

01f0	61	72	6b	2d	6c	61	62	73	2f	48	54	54	50	2d	77	69	ark-labs/HTTP-wi
0200	72	65	73	68	61	72	6b	2d	66	69	6c	65	31	2e	68	74	reshark-file1.ht
0210	6d	6c	21	0a	3c	2f	68	74	6d	6c	3e	0a					ml!.</html>.