

/var/folders/wp/t9z10fyn0c5cm_wcytbbdlyw0000gp/T/wireshark_Wi-FiNZH6Y0.pcapng 618 total packets, 10 shown

No.	Time	Source	Destination	Protocol
Length	Info			
89	2021-02-25 22:43:42.406557	192.168.95.64	128.119.245.12	HTTP 547
	GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1			
	Frame 89: 547 bytes on wire (4376 bits), 547 bytes captured (4376 bits) on interface en0, id 0			
	Ethernet II, Src: Apple_23:bd:8b (38:f9:d3:23:bd:8b), Dst: PaloAlto_e5:00:53 (b4:0c:25:e5:00:53)			
	Internet Protocol Version 4, Src: 192.168.95.64, Dst: 128.119.245.12			
	Transmission Control Protocol, Src Port: 61314, Dst Port: 80, Seq: 1, Ack: 1, Len: 481			
	Hypertext Transfer Protocol			
	GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1\r\n			
	[Expert Info (Chat/Sequence): GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1\r\n]			
	[Severity level: Chat]			
	[Group: Sequence]			
	Request Method: GET			
	Request URI: /wireshark-labs/HTTP-wireshark-file4.html			
	Request Version: HTTP/1.1			
	Host: gaia.cs.umass.edu\r\n			
	Connection: keep-alive\r\n			
	Upgrade-Insecure-Requests: 1\r\n			
	User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 11_2_1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/88.0.4324.182 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=0.9\r\n			
	Accept-Encoding: gzip, deflate\r\n			
	Accept-Language: en-US,en;q=0.9\r\n			
	\r\n			
	[Full request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html]			
	[HTTP request 1/2]			
	[Response in frame: 91]			
	[Next request in frame: 93]			
No.	Time	Source	Destination	Protocol
Length	Info			
91	2021-02-25 22:43:42.440534	128.119.245.12	192.168.95.64	HTTP 1367
	HTTP/1.1 200 OK (text/html)			
	Frame 91: 1367 bytes on wire (10936 bits), 1367 bytes captured (10936 bits) on interface en0, id 0			
	Ethernet II, Src: PaloAlto_e5:00:53 (b4:0c:25:e5:00:53), Dst: Apple_23:bd:8b (38:f9:d3:23:bd:8b)			
	Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.95.64			
	Transmission Control Protocol, Src Port: 80, Dst Port: 61314, Seq: 1, Ack: 482, Len: 1301			
	Hypertext Transfer Protocol			
	HTTP/1.1 200 OK\r\n			
	[Expert Info (Chat/Sequence): HTTP/1.1 200 OK\r\n]			
	[HTTP/1.1 200 OK\r\n]			
	[Severity level: Chat]			
	[Group: Sequence]			
	Response Version: HTTP/1.1			
	Status Code: 200			
	[Status Code Description: OK]			
	Response Phrase: OK			
	Date: Fri, 26 Feb 2021 03:43:42 GMT\r\n			
	Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.14 mod_perl/2.0.11 Perl/v5.16.3\r\n			
	Last-Modified: Thu, 25 Feb 2021 06:59:01 GMT\r\n			
	ETag: "3ae-5bc23afbd21d"\r\n			
	Accept-Ranges: bytes\r\n			
	Content-Length: 942\r\n			
	Keep-Alive: timeout=5, max=100\r\n			

/var/folders/wp/t9z10fyn0c5cm_wcytbbdlyw0000gp/T/wireshark_Wi-FiNZH6Y0.pcapng 618 total packets, 10 shown

Connection: Keep-Alive\r\nContent-Type: text/html; charset=UTF-8\r\n\r\n[HTTP response 1/2]
[Time since request: 0.033977000 seconds]
[Request in frame: 89]
[Next request in frame: 93]
[Next response in frame: 96]
[Request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html]
File Data: 942 bytes

Line-based text data: text/html (23 lines)

No.	Time	Source	Destination	Protocol
Length Info				

93 2021-02-25 22:43:42.547156 192.168.95.64 128.119.245.12 HTTP 493
GET /pearson.png HTTP/1.1
Frame 93: 493 bytes on wire (3944 bits), 493 bytes captured (3944 bits) on interface en0, id 0
Ethernet II, Src: Apple_23:bd:8b (38:f9:d3:23:bd:8b), Dst: PaloAlto_e5:00:53 (b4:0c:
25:e5:00:53)

Internet Protocol Version 4, Src: 192.168.95.64, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 61314, Dst Port: 80, Seq: 482, Ack: 1302, Len: 427
Hypertext Transfer Protocol

GET /pearson.png HTTP/1.1\r\n[Expert Info (Chat/Sequence): GET /pearson.png HTTP/1.1\r\n[GET /pearson.png HTTP/1.1\r\n[Severity level: Chat]
[Group: Sequence]

Request Method: GET
Request URI: /pearson.png
Request Version: HTTP/1.1

Host: gaia.cs.umass.edu\r\nConnection: keep-alive\r\nUser-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 11_2_1) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/88.0.4324.182 Safari/537.36\r\nAccept: image/avif,image/webp,image/apng,image/svg+xml,image/*,*/*;q=0.8\r\nReferer: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html\r\nAccept-Encoding: gzip, deflate\r\nAccept-Language: en-US,en;q=0.9\r\n\r\n

[Full request URI: http://gaia.cs.umass.edu/pearson.png]
[HTTP request 2/2]

[Prev request in frame: 89]
[Response in frame: 96]

No.	Time	Source	Destination	Protocol
Length Info				

96 2021-02-25 22:43:42.582781 128.119.245.12 192.168.95.64 HTTP 1440
HTTP/1.1 200 OK (PNG)[Malformed Packet]

Frame 96: 1440 bytes on wire (11520 bits), 1440 bytes captured (11520 bits) on interface en0,
id 0

Ethernet II, Src: PaloAlto_e5:00:53 (b4:0c:25:e5:00:53), Dst: Apple_23:bd:8b (38:f9:d3:23:bd:
8b)

Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.95.64
Transmission Control Protocol, Src Port: 80, Dst Port: 61314, Seq: 1302, Ack: 909, Len: 1374

Hypertext Transfer Protocol

HTTP/1.1 200 OK\r\n[Expert Info (Chat/Sequence): HTTP/1.1 200 OK\r\n[HTTP/1.1 200 OK\r\n[Severity level: Chat]
[Group: Sequence]

Response Version: HTTP/1.1

Status Code: 200

[Status Code Description: OK]

Response Phrase: OK
Date: Fri, 26 Feb 2021 03:43:42 GMT\r\nServer: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.14 mod_perl/2.0.11 Perl/v5.16.3\r\nLast-Modified: Sat, 06 Aug 2016 10:08:14 GMT\r\nETag: "cc3-539645c7f1ee7"\r\nAccept-Ranges: bytes\r\nContent-Length: 3267\r\nKeep-Alive: timeout=5, max=99\r\nConnection: Keep-Alive\r\nContent-Type: image/png\r\n\r\n[HTTP response 2/2]
[Time since request: 0.035625000 seconds]
[Prev request in frame: 89]
[Prev response in frame: 91]
[Request in frame: 93]
[Request URI: http://gaia.cs.umass.edu/pearson.png]
File Data: 1030 bytes
Portable Network Graphics
[Malformed Packet: PNG]
[Expert Info (Error/Malformed): Malformed Packet (Exception occurred)]
[Malformed Packet (Exception occurred)]
[Severity level: Error]
[Group: Malformed]

No.	Time	Source	Destination	Protocol
Length Info				
98	2021-02-25 22:43:42.582946	128.119.245.12	192.168.95.64	HTTP
				1440

Continuation

Frame 98: 1440 bytes on wire (11520 bits), 1440 bytes captured (11520 bits) on interface en0,

id 0

Ethernet II, Src: PaloAlto_e5:00:53 (b4:0c:25:e5:00:53), Dst: Apple_23:bd:8b (38:f9:d3:23:bd:8b)

Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.95.64

Transmission Control Protocol, Src Port: 80, Dst Port: 61314, Seq: 2676, Ack: 909, Len: 1374

Hypertext Transfer Protocol

Data (1374 bytes)

0000	f4 6c 12 d9 09 95 6b 51 49 fb 49 57 0a 6a 3e e6	.l....kQI.IW.j>.
0010	ff 23 99 ea 23 a1 91 7a 91 ca 84 b4 eb 0b 7a 2f	.#..#.z.....z/
0020	f3 26 23 e7 93 3c 1e 16 75 a2 ba 8e 02 9c 5d 2a	.&#..<..u.....]*
0030	8b b9 dc c7 aa b8 34 f5 b0 a8 13 e5 da 9a 6c e24.....l.
0040	6d b6 40 2e 68 4b 7b 9b e5 fb 68 df f6 28 49 b5	m.@.hK{...h..(I.
0050	cf 6f 2a b1 d9 65 56 7d 31 93 5e e9 39 4b 7d 14	.o*..eV}1.^..9K}.
0060	ce 5f 5f 53 a6 73 b5 ff 68 d7 f9 2d 3f 05 bb 0c	._S.s..h..-?...
0070	f5 a9 93 79 ef 19 97 82 4e 7b a6 56 3f 52 fd 66	...y....N{.V?R.f
0080	bf e5 5b cc 5a a7 c4 16 6c 71 f5 49 4d fa 69 c2	..[.Z...lq.IM.i.
0090	e3 0b 65 f9 ec 66 9f 88 8f f4 ee c6 de 9e dd de	..e..f.....
00a0	ce ca 49 f7 78 0a 1b f8 b1 86 65 8a fa e9 74 f9	..I.x.....e...t.
00b0	f5 00 7f a7 91 fc 61 b5 b0 0f ed 65 6c 73 c4 75a....els.u
00c0	f8 99 5d 0d fe 38 e5 12 1f 5a db a5 a7 bd e8 be	..].8...Z.....
00d0	74 56 0b a4 5c d8 52 07 91 31 ef b1 fa ac a2 a0	tV..\R..1.....
00e0	5c ec 27 37 ee d3 e5 e3 88 ce 2a 08 8b da d6 09	\.'7.....*....
00f0	59 a6 4b c3 9d eb 59 d6 af 74 0a ba b9 c5 a4 4f	Y.K...Y..t.....0
0100	ea b0 7a 3f e0 fa 62 de c5 c1 c4 1f d3 a4 7c ff	.z?..b..... .
0110	b6 29 ed b6 eb ec 9c 57 e4 59 5f ca 0e 7d 49 4d	.).....W.Y_.}IM
0120	7a 32 97 11 5f cc db 97 84 cc 59 7d e8 87 3a c5	z2..._.....Y}...:
0130	5d eb 43 32 ca 3d b9 fc fe 98 19 f8 b5 82 3e b5].C2.=.....>.
0140	40 b0 53 f5 49 30 a3 6d 32 c4 5f c2 c3 f9 69 2b	@.S.I0.m2._...i+
0150	5a 58 e8 a7 f7 00 c4 82 76 35 18 d2 9c 8f 9f 5d	ZX.....v5.....]
0160	7c 4f 9b fb b5 62 36 b4 62 7c a7 ec dd c2 76 56	0...b6.bvV
0170	5a db 5b 2d e6 c3 3a 7b 64 fb 3e a5 18 96 8a 5d	Z.[...:{d.>....]

0180	e7 10 9e 13 63 3f 7b de cb 85 7c 60 21 91 87 44c?{... `!..D
0190	85 d2 7a ba db a5 dc ea bb 20 f1 69 cf ef 80 62	.z.....i...b
01a0	2f a5 9f 23 5d 92 78 30 f5 ff e0 d7 d7 47 fe 82	/.#].x0.....G..
01b0	a3 40 d8 e9 ad ab 04 f1 17 f7 5f 4f ec 8e f6 be	@....._0....
01c0	28 17 be be dd c7 8e ff d2 2c cd f1 1f 05 7d 20	(.....,....}
01d0	fb 00 f7 47 fc 0c 5b 2e e6 23 3a c7 b0 94 0f b8	...G..[.#:....
01e0	5f ac 5d 58 ba 63 99 65 fd 77 33 72 ed fe 22 2a	_]X.c.e.w3r../*
01f0	fb 74 76 b3 94 76 8e 28 c9 0f 17 ae 1d 62 7f bd	.tv..v.(....b..
0200	c5 07 40 94 25 f5 bd f8 bf 34 3f 92 dd cd 7d b9	..@.%....4?....}.
0210	06 ca 3c 09 a1 4a 1f df 45 bd 47 fd d7 6c a6 37	..<..J..E.G..l.7
0220	90 ed e6 32 17 38 0e 87 c3 e1 70 38 85 c3 8e 91	..2.8....p8....
0230	b7 3d 67 a5 d9 ed de 7a 0a c2 ef 22 6e b5 ab 6a	=g....z...n..j
0240	f3 29 6f bb ce c4 75 67 54 d1 04 80 f6 da ec 00)o...ugT.....
0250	ac d1 d8 77 4c 65 d5 c9 db b0 b3 31 86 f2 2b 23	...wLe.....1..+#
0260	fc b2 5f 57 04 cd 34 9b 39 5a 74 4e 7a 0e 54 5f	.._W..4.9ZtNz.T_
0270	25 07 26 26 38 a0 54 d3 bf 71 49 f4 dd 98 fa 52	%.&&8.T..qI....R
0280	4f 01 47 9c 51 5e 06 9d 95 7d f5 a5 21 9c 0c 5e	0.G.Q^....}..!.^
0290	2f 2f 8b ce 49 82 fa 86 01 13 e1 38 2f 8b ce 49	//..I.....8/..I
02a0	82 fa 3e 0c 7d c1 bb cb cb a4 33 92 a0 be 04 7d	..>}.3....}
02b0	2f fc 2f f2 7e 92 fa 36 54 af d7 73 b2 e8 9c 24	/.~/..6T..s...\$
02c0	a9 5f c1 b4 a7 2f c2 57 bd c5 d8 f0 f4 f1 a8 11	._.../.W.....
02d0	ff 66 73 31 b8 ba 1a 56 3b 54 71 38 01 25 93 55	.fs1...V;Tq8.%U
02e0	af 8f e0 21 bb 7e d5 6e 8d fa f8 ad e6 a0 ad b8!..~.n.....
02f0	ab 39 88 a8 8e 49 9f e6 c9 1a 0a 8a 03 de 20 85	.9...I.....
0300	76 78 92 60 f8 27 d6 fc f5 6a 58 9f fc bb d4 04	vx.`.'...jX.....
0310	0e f9 be d7 f2 6e 87 96 55 d5 5d 47 a3 e7 42 efn..U.]G..B.
0320	d5 ef ea c3 ea 5c f0 4c 6f 1c 99 66 dd fa a6 ae\Lo..f....
0330	eb 0a a8 16 9b 8a a9 69 9a 6e 04 e9 c3 52 ba f0i.n...R..
0340	2c 86 61 38 23 b7 4d 4e 33 19 fa dd 61 bd 63 0d	,,a8#.MN3...a.c.
0350	7c c5 ab 86 fa 6d a1 eb 80 93 e8 3e ba bc 62 56m....>..bV
0360	e0 79 fc f9 4f a8 b7 95 7d f5 15 32 ef 47 5e a5	.y..0....}..2.G^.
0370	1d f8 76 e4 08 ee 20 fa c8 dc ab 8c 83 35 b1 e3	.v...5..
0380	0a 9a 4f c6 a5 e1 04 df ad fb 2e 1a c4 0a b2 fa	.0.....
0390	55 69 05 41 30 37 84 8a 46 d4 d7 7d b3 15 0c 8f	Ui.A07..F..}....
03a0	3d 30 74 07 87 57 ff 15 46 9f 5b 2a 55 3d d3 51	=0t..W..F. [*U=.0
03b0	5c 03 be 32 87 27 d5 1d 90 a4 1e e5 7c 05 3a 74	\..2.'..... .:t
03c0	08 8c c5 11 39 af 10 0b 5e 4d c1 c1 0e 5f e8 829...^M..._..
03d0	e0 93 c0 ac 56 a0 fa e6 ed 6a d2 30 d1 1e 02 7eV....j.0....~
03e0	d5 34 a3 b3 98 02 51 3f 34 a8 91 a8 ea 82 87 73	.4...Q?4.....s
03f0	cd 1d 1c 43 a7 34 70 3c 30 89 fa 8d 16 1a 8c 1f	...C.4p<0.....
0400	48 c3 09 ea 27 f0 d2 da 0a fc 35 30 05 23 ba e6	H...'.50.#..
0410	1d f8 a4 63 a1 3f 9b 60 ba 68 42 78 1c 2e 90 dac.?..hBx....
0420	55 f4 ed 3a 18 8c 4a dd 01 e5 42 d3 08 d5 f7 3c	U...:..J...B....<
0430	b2 91 00 1b 8b 48 f1 d0 14 5c aa a8 6a 6b 82 62H...\.jk.b
0440	d1 56 35 5d 33 1c 55 98 89 b4 d6 49 04 33 24 a8	.V5]3.U....I.3\$.
0450	ef e8 70 a4 1b 81 48 81 1c 87 1e 70 91 0f 51 35	.p...H....p..Q5
0460	e8 5c 63 ab 61 75 10 65 37 a8 5e a8 c0 88 e9 fb	.\\c.au.e7.^.....
0470	e0 2f 03 9c 7a a0 51 cb e7 9d 82 d5 5b 0e ab 08	./..z.Q.....[....
0480	8e 96 df 23 56 81 ab e1 84 8a 0a 30 72 8d 93 91	.#V.....0r....
0490	a0 1e 0e b4 fe 0a de 72 d8 75 0f c5 34 72 0e 9ar.u..4r..
04a0	96 06 9e a5 70 2c 0c 3c 14 81 7a e5 3a b0 d9 f5	...p.,<.z....
04b0	c1 79 4a 0e 73 1a cb 09 d4 df f9 f8 74 18 70 bd	yJ.s.....t.p.
04c0	70 64 02 f5 0a 59 66 d0 de e3 f4 c5 f7 be fa 3a	pd...Yf.....
04d0	98 ae 3a f4 09 9c d0 f4 15 2d 1d 87 78 1d b8 42	:.....-..x..B
04e0	73 f0 54 1e 54 e8 da 08 aa d7 70 7a 9c c0 94 06	s.T.T.....pz....
04f0	a7 86 4e f9 6d a5 45 5f 73 98 85 6c 00 86 d1 69	.N.m.E_s..l...i
0500	12 ab 48 92 2d 09 f4 70 9f 8e 3d f5 75 90 c3 5d	.H.-..p..=u..]
0510	94 dd 60 b4 29 54 bb cb 32 83 44 0c 18 2b 8e 1e	.`.)T..2.D..+..
0520	19 be af 9e ad 94 ee 60 96 d0 a2 e0 00 45 01 fc`.....E..
0530	b7 ef c1 60 66 6c 41 c3 3b 8e ac 72 a9 5a 1b b6	...`fLA;..r.Z..
0540	21 7e 4c fd 08 1b 66 b5 4d cd 11 d0 65 ae 61 f2	!~L...f.M...e.a.

No.	Time	Source	Destination	Protocol
Length Info		..=2Np.'N..8..		
100	2021-02-25 22:43:42.583408	128.119.245.12	192.168.95.64	HTTP 929
Continuation				
Frame 100: 929 bytes on wire (7432 bits), 929 bytes captured (7432 bits) on interface en0, id 0				
Ethernet II, Src: PaloAlto_e5:00:53 (b4:0c:25:e5:00:53), Dst: Apple_23:bd:8b (38:f9:d3:23:bd:8b)				
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.95.64				
Transmission Control Protocol, Src Port: 80, Dst Port: 61314, Seq: 4050, Ack: 909, Len: 863				
Hypertext Transfer Protocol				
Data (863 bytes)				
0000	e4 a1 39 3c 66 8d 47 63 a9 31 87 82 d9 7d 87 ad	..9<f.Gc.1...}..		
0010	a2 87 e6 ea 07 d5 0b 42 1b a0 39 be ef b9 ee 20B..9....		
0020	bc 08 0c fc e0 8d 10 e0 40 4d f3 f6 db 7e f3 43@M...~.C		
0030	ea c7 41 fb cc 70 07 4d 32 01 60 b6 88 6d 24 d1	.A..p.M2.`..m\$.		
0040	62 83 16 99 f3 aa 6f 8f 01 57 c3 f9 a2 49 26 22	b.....o.W...I&"		
0050	4a ec 42 2b 46 3b be f5 b3 d1 6a 9c a9 be 81 9c	J.B+F;.....j.....		
0060	0f 07 c0 f4 5e b1 04 78 76 8d ad 60 9e 5c 5c 63^..xv..`..\c		
0070	9e 55 3d b5 1c 13 d0 1a 3b 48 78 83 d0 6f 8c 5a	.U=.....;Hx..o.Z		
0080	b7 b7 15 e1 80 fa 52 d5 15 30 9a db 0a a2 07 8eR..0.....		
0090	48 ec f4 77 51 d5 7d 5e f5 49 6d 3c 61 df 39 0c	H..wQ.}^.Im<a.9.		
00a0	4f f5 96 e7 f9 c2 e8 7a 70 c8 f7 b0 cc d7 89 7e	0.....zp.....~		
00b0	ff 1a 5f 37 a6 be ff 8b d4 b7 51 ab 3b ed 7b 8d	.._7.....Q.;.{.		
00c0	b1 a7 1b e6 02 4e 94 83 f3 1e 5e a6 5e 71 74 2dN....^.^qt-		
00d0	d4 8f 12 5b 82 ef 03 f5 a3 d2 6f 50 0f 73 15 aa	...[.....oP.s..		
00e0	77 13 78 6a 39 a4 2c 3d 98 f3 03 7a 8b 15 d8 f6	w.xj9.,=....z....		
00f0	09 f8 72 e6 fe e0 06 f3 de c2 56 29 d4 5b 67 57	..r.....V).[gw		
0100	0f 5d 1a 2e ef 71 9e 14 18 ec 38 41 1e a9 1e 70	.]....q....8A...p		
0110	67 b5 51 ed 5f 29 05 7a 62 a5 7b 90 f3 1b a5 df	g.Q._).zb.{.....		
0120	a0 be 63 a6 56 97 6d c6 96 43 ea fb 23 ea 45 13	.c.V.m..C..#.E.		
0130	2a f4 ec b0 22 66 fa 1c e1 7a 6f 97 7e 83 fa 3b	*...."f....zo.~...;		
0140	4f 48 f1 62 b0 87 8f 5e 1e 52 df eb d2 b7 c6 9e	OH.b...^R.....		
0150	80 44 05 2c fb 13 24 90 d9 b8 c0 f1 0e f2 6c fe	.D.,..\$.l.		
0160	ea d1 15 51 90 d2 c0 58 58 e8 4c a1 72 28 eb f5	...Q...XX.L.r(..		
0170	1c 83 be 3d 0c 4a 46 94 cf 5a 7b 82 e0 36 4a e9	...=.JF..Z{..6J.		
0180	45 56 e5 ab fe 5a d9 77 7e bd 5b 0a e4 52 f9 f0	EV...Z.w~.[..R..		
0190	d0 8a d7 73 2a 74 5b 6a e2 04 df bd f6 e2 85 86	..s*t[j.....		
01a0	10 35 0a 02 f5 d4 98 9d bd da 01 d5 1e cc 7b cc	.5.....{.		
01b0	4d 9d 4e 17 aa ac 32 f9 10 aa 38 a0 5e f0 c8 1e	M.N...2...8.^...		
01c0	07 a8 0f 1b a6 03 f0 49 83 fa dc c4 8d b6 11 e7I.....		
01d0	52 ff e4 ec af bb 18 5b d3 c2 3e 47 48 bd 8b 3e	R.....[..>GH..>		
01e0	88 9a 36 78 6b de eb c2 a5 51 8f a6 76 a2 7a 41	.6xk....Q..v.zA		
01f0	27 4a 9a a6 1f ee 15 56 15 c1 a4 3e 09 4a eb b0	'J.....V...>.J..		
0200	b9 71 36 f5 c8 8f 82 93 7c e3 e6 0e dd de 77 87	.q6.....w.		
0210	81 4d d7 63 3f 5c 9f d1 ee cf 85 82 ed 45 b7 de	.M.c?\.....E..		
0220	33 e8 f1 4b 56 4f 4d 14 c1 c1 bd 72 7b a5 53 a1	3..KVOM....r{.S.		
0230	d5 74 b5 28 44 ce 33 ef 27 03 33 28 bf f4 4e 62	.t.(D.3.'..3(..Nb		
0240	db c8 1e 3b 70 59 76 8c f1 70 6c b8 3e 4e 0f 0d	...;pYv..pl.>N..		
0250	d8 b3 12 4c 63 3c f6 c1 54 b0 51 07 6b d1 ec 44	...Lc<..T.Q.k..D		
0260	76 b2 eb 38 50 ef e8 15 21 90 39 59 79 54 f5 3c	v..8P...!.9YyT.<		
0270	f0 34 37 8c 1a cb 33 da d1 fe 11 35 44 49 bf a8	.47...3....5DI..		
0280	64 eb a9 d9 e9 6f 69 b4 7d df 31 43 bc ae b1 4a	d....oi.}.1C...J		
0290	ba 63 d0 14 5c 1d 6c 6c 2b ba a1 b4 48 06 68 98	.c..\.ll+...H.h.		
02a0	46 05 1c 34 fc 2b 68 b0 e5 eb 95 8a db 05 aa 9a	F..4.+h.....		
02b0	63 0f 9d d1 b9 6d bd 46 e1 d4 53 b4 c9 02 8c 9d	c....m.F..S.....		
02c0	30 5f 54 57 5d 85 69 66 5d 8f 3d 5f af c2 fb 05	_0_TW].if].=_...		
02d0	b7 1a 7e c3 be 12 7c 64 d3 6d 3b c8 26 93 95 6f	..~... d.m;.&..o		
02e0	c0 d7 8a d3 3a 5d 73 eb c9 8a 91 dc 35 ec d5 87:]s.....5...		
02f0	ad 76 6b 60 b1 63 d3 ac 52 77 58 7a a3 79 d5 82	.vk`..c..RwXz.y..		
0300	e3 d0 b3 3a 18 2b 9a b5 3d 01 0e c4 75 7d b8 12:+...=...u}..		

/var/folders/wp/t9z10fyn0c5cm_wcytbbdlyw0000gp/T/wireshark_Wi-FiNZH6Y0.pcapng 618 total packets, 10 shown

```

0310  5a f3 bd b6 f4 c4 1a ac 74 6d 3c a2 f2 62 a7 19    Z.....tm<..b..
0320  d2 09 ce df 27 07 fe 0f b7 56 39 1c 0e 87 c3 e1      ....'....V9....
0330  70 38 1c 0e 87 c3 e1 70 38 1c 0e 87 c3 e1 70 38      p8.....p8.....p8
0340  1c 0e 87 c3 e1 70 38 9c 42 f2 1f ff 8d ea 68 93      ....p8.B.....h.
0350  cc bc bc 00 00 00 00 49 45 4e 44 ae 42 60 82          .....IEND.B`.
```

No.	Time	Source	Destination	Protocol
Length Info				
110	2021-02-25 22:43:42.717224	192.168.95.64	178.79.137.164	HTTP
GET /8E_cover_small.jpg HTTP/1.1				
Frame 110: 460 bytes on wire (3680 bits), 460 bytes captured (3680 bits) on interface en0, id 0				
Ethernet II, Src: Apple_23:bd:8b (38:f9:d3:23:bd:8b), Dst: PaloAlto_e5:00:53 (b4:0c:25:e5:00:53)				
Internet Protocol Version 4, Src: 192.168.95.64, Dst: 178.79.137.164				
Transmission Control Protocol, Src Port: 61316, Dst Port: 80, Seq: 1, Ack: 1, Len: 394				
Hypertext Transfer Protocol				
GET /8E_cover_small.jpg HTTP/1.1\r\n				
[Expert Info (Chat/Sequence): GET /8E_cover_small.jpg HTTP/1.1\r\n]				
[GET /8E_cover_small.jpg HTTP/1.1\r\n]				
[Severity level: Chat]				
[Group: Sequence]				
Request Method: GET				
Request URI: /8E_cover_small.jpg				
Request Version: HTTP/1.1				
Host: kurose.cslash.net\r\n				
Connection: keep-alive\r\n				
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 11_2_1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/88.0.4324.182 Safari/537.36\r\n				
Accept: image/avif,image/webp,image/apng,image/svg+xml,image/*,*/*;q=0.8\r\n				
Referer: http://gaia.cs.umass.edu/\r\n				
Accept-Encoding: gzip, deflate\r\n				
Accept-Language: en-US,en;q=0.9\r\n				
\r\n				
[Full request URI: http://kurose.cslash.net/8E_cover_small.jpg]				
[HTTP request 1/1]				
[Response in frame: 113]				
No.	Time	Source	Destination	Protocol
Length Info				
113	2021-02-25 22:43:42.825368	178.79.137.164	192.168.95.64	HTTP
HTTP/1.1 301 Moved Permanently				
Frame 113: 237 bytes on wire (1896 bits), 237 bytes captured (1896 bits) on interface en0, id 0				
Ethernet II, Src: PaloAlto_e5:00:53 (b4:0c:25:e5:00:53), Dst: Apple_23:bd:8b (38:f9:d3:23:bd:8b)				
Internet Protocol Version 4, Src: 178.79.137.164, Dst: 192.168.95.64				
Transmission Control Protocol, Src Port: 80, Dst Port: 61316, Seq: 1, Ack: 395, Len: 171				
Hypertext Transfer Protocol				
HTTP/1.1 301 Moved Permanently\r\n				
[Expert Info (Chat/Sequence): HTTP/1.1 301 Moved Permanently\r\n]				
[HTTP/1.1 301 Moved Permanently\r\n]				
[Severity level: Chat]				
[Group: Sequence]				
Response Version: HTTP/1.1				
Status Code: 301				
[Status Code Description: Moved Permanently]				
Response Phrase: Moved Permanently				
Location: https://kurose.cslash.net/8E_cover_small.jpg\r\n				
Content-Length: 0\r\n				
Date: Fri, 26 Feb 2021 03:43:43 GMT\r\n				
Server: lighttpd/1.4.47\r\n				
\r\n				
[HTTP response 1/1]				
[Time since request: 0.108144000 seconds]				

/var/folders/wp/t9z10fyn0c5cm_wcytbbdlyw0000gp/T/wireshark_Wi-FiNZH6Y0.pcapng 618 total packets, 10 shown

[Request in frame: 110]
[Request URI: http://kurose.cslash.net/8E_cover_small.jpg]

No.	Time	Source	Destination	Protocol
Length Info				
136	2021-02-25 22:43:43.137568	192.168.95.64	131.118.254.46	HTTP 361
MFgwVqADAgEAME8wTTBLMAkGBSs0AwIaBQAEFEjayaD7K9MtT%2FDeaNL1Z7c1%2BbPEBBQULrMXt1hWy65QCUDmH6%2Bdix	HTTP/1.1			

Frame 136: 361 bytes on wire (2888 bits), 361 bytes captured (2888 bits) on interface en0, id 0
Ethernet II, Src: Apple_23:bd:8b (38:f9:d3:23:bd:8b), Dst: PaloAlto_e5:00:53 (b4:0c:25:e5:00:53)
Internet Protocol Version 4, Src: 192.168.95.64, Dst: 131.118.254.46
Transmission Control Protocol, Src Port: 61318, Dst Port: 80, Seq: 1, Ack: 1, Len: 295
Hypertext Transfer Protocol
 GET /
MFgwVqADAgEAME8wTTBLMAkGBSs0AwIaBQAEFEjayaD7K9MtT%2FDeaNL1Z7c1%2BbPEBBQULrMXt1hWy65QCUDmH6%2Bdix
HTTP/1.1\r\n [Expert Info (Chat/Sequence): GET /
MFgwVqADAgEAME8wTTBLMAkGBSs0AwIaBQAEFEjayaD7K9MtT%2FDeaNL1Z7c1%2BbPEBBQULrMXt1hWy65QCUDmH6%2Bdix
HTTP/1.1\r\n [GET /
MFgwVqADAgEAME8wTTBLMAkGBSs0AwIaBQAEFEjayaD7K9MtT%2FDeaNL1Z7c1%2BbPEBBQULrMXt1hWy65QCUDmH6%2Bdix
HTTP/1.1\r\n [Severity level: Chat]
 [Group: Sequence]
 Request Method: GET
 Request URI: /
MFgwVqADAgEAME8wTTBLMAkGBSs0AwIaBQAEFEjayaD7K9MtT%2FDeaNL1Z7c1%2BbPEBBQULrMXt1hWy65QCUDmH6%2Bdix
 Request Version: HTTP/1.1
 Host: r3.o.lencr.org\r\n Accept: */*\r\n Accept-Language: en-us\r\n Connection: keep-alive\r\n Accept-Encoding: gzip, deflate\r\n User-Agent: com.apple.trustd/2.0\r\n\r\n [Full request URI: http://r3.o.lencr.org/
MFgwVqADAgEAME8wTTBLMAkGBSs0AwIaBQAEFEjayaD7K9MtT%2FDeaNL1Z7c1%2BbPEBBQULrMXt1hWy65QCUDmH6%2Bdix
 [HTTP request 1/1]
 [Response in frame: 144]

No.	Time	Source	Destination	Protocol
Length Info				
144	2021-02-25 22:43:43.201492	131.118.254.46	192.168.95.64	OCSP 955
Response				

Frame 144: 955 bytes on wire (7640 bits), 955 bytes captured (7640 bits) on interface en0, id 0
Ethernet II, Src: PaloAlto_e5:00:53 (b4:0c:25:e5:00:53), Dst: Apple_23:bd:8b (38:f9:d3:23:bd:8b)
Internet Protocol Version 4, Src: 131.118.254.46, Dst: 192.168.95.64
Transmission Control Protocol, Src Port: 80, Dst Port: 61318, Seq: 1, Ack: 296, Len: 889
Hypertext Transfer Protocol
 HTTP/1.1 200 OK\r\n [Expert Info (Chat/Sequence): HTTP/1.1 200 OK\r\n [HTTP/1.1 200 OK\r\n [Severity level: Chat]
 [Group: Sequence]
 Response Version: HTTP/1.1
 Status Code: 200
 [Status Code Description: OK]
 Response Phrase: OK
 Server: nginx\r\n Content-Type: application/ocsp-response\r\n

/var/folders/wp/t9z10fyn0c5cm_wcytbbdlyw0000gp/T/wireshark_Wi-FiNZH6Y0.pcapng 618 total packets, 10 shown

Content-Length: 503\r\n
ETag: "D10B630959A1A8B84C9CE68C6E95530AA8DA1366B9110FBC8429D7D4449E73B4"\r\n
Last-Modified: Tue, 23 Feb 2021 14:00:00 UTC\r\n
Cache-Control: public, no-transform, must-revalidate, max-age=43189\r\n
Expires: Fri, 26 Feb 2021 15:43:32 GMT\r\n
Date: Fri, 26 Feb 2021 03:43:43 GMT\r\n
Connection: keep-alive\r\n\r\n
[HTTP response 1/1]
[Time since request: 0.063924000 seconds]
[Request in frame: 136]
[Request URI: http://r3.o.lencr.org/
MFgwVqADAgEAME8wTTBLMAkGBSs0AwIaBQAEFEjayaD7K9MtT%2FDeaNL1Z7c1%2BbPEBBQULrMXt1hWy65QCUDmH6%2Bdix
File Data: 503 bytes
Online Certificate Status Protocol