

No. Time  
Source  
Destination  
Protocol  
Length Info  
216 15:07:18.822  
619000 192.168.1.117  
128.119.245  
.12 HTTP  
438 GET /wireshar  
k-labs/INTRO-wiresha  
rk-file1.html HTTP/1  
.1

Frame 216: 438 bytes  
on wire (3504 bits)  
, 438 bytes captured  
(3504 bits) on inte  
rface 0

Ethernet II, Src: Gi  
ga-Byt\_de:7b:b1 (90:  
2b:34:de:7b:b1), Dst  
: Cisco-Li\_f9:32:de  
(58:6d:8f:f9:32:de)  
Destination: Cis  
co-Li\_f9:32:de (58:6  
d:8f:f9:32:de)  
Address: Cis  
co-Li\_f9:32:de (58:6  
d:8f:f9:32:de)

.... ..0. ..  
... .. =

LG bit: Globally uni  
que address (factory  
default)

.... ..0. ..  
... .. =

IG bit: Individual a  
ddress (unicast)  
Source: Giga-Byt  
\_de:7b:b1 (90:2b:34:  
de:7b:b1)

Address: Gig  
a-Byt\_de:7b:b1 (90:2  
b:34:de:7b:b1)  
.... ..0. ..

... .. =

LG bit: Globally uni  
que address (factory  
default)

.... ..0. ..  
... .. =

IG bit: Individual a  
ddress (unicast)  
Type: IP (0x0800  
)

Internet Protocol Ve  
rsion 4, Src: 192.16  
8.1.117 (192.168.1.1  
17), Dst: 128.119.24  
5.12 (128.119.245.12  
)

Version: 4  
Header length: 2

0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
0000 00.. =  
Differentiated Servi  
ces Codepoint: Defau  
lt (0x00)  
.... ..00 =  
Explicit Congestion  
Notification: Not-EC  
T (Not ECN-Capable T  
ransport) (0x00)  
Total Length: 42  
4  
Identification:  
0x751f (29983)  
Flags: 0x02 (Don  
't Fragment)  
0... .... =  
Reserved bit: Not se  
t  
.1.. .... =  
Don't fragment: Set  
..0. .... =  
More fragments: Not  
set  
Fragment offset:  
0  
Time to live: 12  
8  
Protocol: TCP (6  
)  
Header checksum:  
0x4c8f [validation  
disabled]  
[Good: False  
]  
[Bad: False]  
Source: 192.168.  
1.117 (192.168.1.117  
)  
Destination: 128  
.119.245.12 (128.119  
.245.12)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
57910 (57910), Dst  
Port: http (80), Seq  
: 1, Ack: 1, Len: 38  
4  
Source port: 579  
10 (57910)  
Destination port  
: http (80)  
[Stream index: 2  
4]

```

Sequence number:
1 (relative sequence number)
[Next sequence number: 385 (relative sequence number)]
Acknowledgment number: 1 (relative acknowledgment number)
Header length: 20 bytes
Flags: 0x018 (PSH, ACK)
000. .... ..
... = Reserved: Not set
...0 .... ..
... = Nonce: Not set
.... 0... ..
... = Congestion Window Reduced (CWR): Not set
.... 0... ..
... = ECN-Echo: Not set
.... ..0. ..
... = Urgent: Not set
.... ...1 ..
... = Acknowledgment: Set
.... .... 1.
... = Push: Set
.... .... 0
... = Reset: Not set
.... .... ..
0. = Syn: Not set
.... .... ..
.0 = Fin: Not set
Window size value: 16425
[Calculated window size: 65700]
[Window size scaling factor: 4]
Checksum: 0x393c
[validation disabled]
[SEQ/ACK analysis]
[Bytes in flight: 384]
Hypertext Transfer Protocol
GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1\r\n
Host: gaia.cs.umass.edu\r\n
Connection: keep-alive\r\n
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8\r\n

```

xml,application/xml;  
q=0.9,image/webp,\*/\*  
;q=0.8\r\n  
User-Agent: Mozi  
lla/5.0 (Windows NT  
6.1; WOW64) AppleWebKit  
Kit/537.36 (KHTML, l  
ike Gecko) Chrome/34  
.0.1847.116 Safari/5  
37.36\r\n  
Accept-Encoding:  
gzip,deflate,sdch\r  
\n  
Accept-Language:  
en-US,en;q=0.8\r\n  
\r\n  
[Full request UR  
l: http://gaia.cs.um  
ass.edu/wireshark-la  
bs/INTRO-wireshark-f  
ile1.html]  
[HTTP request 1/  
2]  
[Response in fra  
me: 220]  
[Next request in  
frame: 221]