

No.	Time
Source	
Destination	
Protocol Leng	
th Info	
1	0.000000000
192.168.2.6	
192.168.2.255	
NBNS	92
Name query NB ISA	
TAP<00>	

Frame 1: 92 bytes on wire (736 bits), 92 bytes captured (736 bits) on interface 0

Ethernet II, Src: IntelCor\_05:3f:2a (00:1e:65:05:3f:2a), Dst: Broadcast (ff:ff:ff:ff:ff:ff)

Internet Protocol Version 4, Src: 192.168.2.6 (192.168.2.6), Dst: 192.168.2.255 (192.168.2.255)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))

Total Length: 78

Identification: 0x0ce4 (3300)

Flags: 0x00

Fragment offset: 0

Time to live: 128

Protocol: UDP (17)

Header checksum: 0xa765 [correct] [Good: True] [Bad: False]

Source: 192.168.2.6 (192.168.2.6)

Destination: 192.168.2.255 (192.168.2.255)

[Source GeoIP: Unknown] [Destination GeoIP: Unknown]

User Datagram Protocol, Src Port: netbios-ns (137), Dst Port: netbios-ns (137)

NetBIOS Name Service

No.	Time
Source	
Destination	
Protocol Leng	

th Info  
2 0.022539000  
fe80::2ca8:10df:2  
a1b:ff39 ff02::c  
UDP  
1149 Source port:  
63594 Destination p  
ort: ws-discovery

Frame 2: 1149 bytes  
on wire (9192 bits),  
1149 bytes captured  
(9192 bits) on inte  
rface 0  
Ethernet II, Src: In  
telCor\_05:3f:2a (00:  
1e:65:05:3f:2a), Dst  
: IPv6mcast\_00:00:00  
:0c (33:33:00:00:00:  
0c)  
Internet Protocol Ve  
rsion 6, Src: fe80::  
2ca8:10df:2a1b:ff39  
(fe80::2ca8:10df:2a1  
b:ff39), Dst: ff02::  
c (ff02::c)  
User Datagram Protoc  
ol, Src Port: 63594  
(63594), Dst Port: w  
s-discovery (3702)  
Data (1087 bytes)

0000 3c 3f 78 6d 6c  
20 76 65 72 73 69 6  
f 6e 3d 22 31 <?xm  
l version="1  
0010 2e 30 22 20 65  
6e 63 6f 64 69 6e 6  
7 3d 22 55 54 .0"  
encoding="UT  
0020 46 2d 38 22 3f  
3e 0a 3c 53 4f 41 5  
0 2d 45 4e 56 F-8"  
?>.<SOAP-ENV  
0030 3a 45 6e 76 65  
6c 6f 70 65 20 78 6  
d 6c 6e 73 3a :Env  
elope xmlns:  
0040 53 4f 41 50 2d  
45 4e 56 3d 22 68 7  
4 74 70 3a 2f SOAP  
-ENV="http:/  
0050 2f 77 77 77 2e  
77 33 2e 6f 72 67 2  
f 32 30 30 33 /www  
.w3.org/2003  
0060 2f 30 35 2f 73  
6f 61 70 2d 65 6e 7  
6 65 6c 6f 70 /05/  
soap-envelop  
0070 65 22 20 78 6d  
6c 6e 73 3a 53 4f 4  
1 50 2d 45 4e e" x  
mlns:SOAP-EN  
0080 43 3d 22 68 74  
74 70 3a 2f 2f 77 7  
7 77 2e 77 33 C="h  
ttp://www.w3  
0090 2e 6f 72 67 2f

32 30 30 33 2f 30 3  
5 2f 73 6f 61 .org  
/2003/05/soa  
00a0 70 2d 65 6e 63  
6f 64 69 6e 67 22 2  
0 78 6d 6c 6e p-en  
coding" xmlns  
00b0 73 3a 78 73 69  
3d 22 68 74 74 70 3  
a 2f 2f 77 77 s:xs  
i="http://ww  
00c0 77 2e 77 33 2e  
6f 72 67 2f 32 30 3  
0 31 2f 58 4d w.w3  
.org/2001/XM  
00d0 4c 53 63 68 65  
6d 61 2d 69 6e 73 7  
4 61 6e 63 65 LSch  
ema-instance  
00e0 22 20 78 6d 6c  
6e 73 3a 78 73 64 3  
d 22 68 74 74 " xm  
lns:xsd="htt  
00f0 70 3a 2f 2f 77  
77 77 2e 77 33 2e 6  
f 72 67 2f 32 p://  
www.w3.org/2  
0100 30 30 31 2f 58  
4d 4c 53 63 68 65 6  
d 61 22 20 78 001/  
XMLSchema" x  
0110 6d 6c 6e 73 3a  
70 77 67 3d 22 68 7  
4 74 70 3a 2f mlns  
:pwg="http:/  
0120 2f 77 77 77 2e  
68 70 2e 63 6f 6d 2  
f 73 63 68 65 /www  
.hp.com/sche  
0130 6d 61 73 2f 69  
6d 61 67 69 6e 67 2  
f 63 6f 6e 2f mas/  
imaging/con/  
0140 70 77 67 2f 73  
6d 2f 31 2e 30 22 2  
0 78 6d 6c 6e pwg/  
sm/1.0" xmlns  
0150 73 3a 77 73 61  
3d 22 68 74 74 70 3  
a 2f 2f 73 63 s:ws  
a="http://sc  
0160 68 65 6d 61 73  
2e 78 6d 6c 73 6f 6  
1 70 2e 6f 72 hema  
s.xmlsoap.or  
0170 67 2f 77 73 2f  
32 30 30 34 2f 30 3  
8 2f 61 64 64 g/ws  
/2004/08/add  
0180 72 65 73 73 69  
6e 67 22 20 78 6d 6  
c 6e 73 3a 64 ress  
ing" xmlns:d  
0190 64 3d 22 68 74  
74 70 3a 2f 2f 77 7  
7 77 2e 68 70 d="h  
ttp://www.hp  
01a0 2e 63 6f 6d 2f  
73 63 68 65 6d 61 7

3 2f 69 6d 61 .com  
/schemas/ima  
01b0 67 69 6e 67 2f  
63 6f 6e 2f 64 69 6  
3 74 69 6f 6e ging  
/con/diction  
01c0 61 72 69 65 73  
2f 31 2e 30 22 20 7  
8 6d 6c 6e 73 arie  
s/1.0" xmlns  
01d0 3a 77 73 64 3d  
22 68 74 74 70 3a 2  
f 2f 73 63 68 :wsd  
="http://sch  
01e0 65 6d 61 73 2e  
78 6d 6c 73 6f 61 7  
0 2e 6f 72 67 emas  
.xmlsoap.org  
01f0 2f 77 73 2f 32  
30 30 35 2f 30 34 2  
f 64 69 73 63 /ws/  
2005/04/disc  
0200 6f 76 65 72 79  
22 3e 3c 53 4f 41 5  
0 2d 45 4e 56 over  
y"><SOAP-ENV  
0210 3a 48 65 61 64  
65 72 3e 3c 77 73 6  
1 3a 4d 65 73 :Hea  
der><wsa:Mes  
0220 73 61 67 65 49  
44 20 53 4f 41 50 2  
d 45 4e 56 3a sage  
ID SOAP-ENV:  
0230 6d 75 73 74 55  
6e 64 65 72 73 74 6  
1 6e 64 3d 22 must  
Understand="<br>  
0240 74 72 75 65 22  
3e 75 75 69 64 3a 3  
4 31 37 63 66 true  
>uuid:417cf  
0250 30 65 64 2d 34  
33 32 64 2d 31 31 6  
5 33 2d 61 64 0ed-  
432d-11e3-ad  
0260 61 64 2d 30 30  
32 33 35 61 66 36 6  
2 33 32 39 3c ad-0  
0235af6b329<  
0270 2f 77 73 61 3a  
4d 65 73 73 61 67 6  
5 49 44 3e 3c /wsa  
:MessageID><  
0280 77 73 61 3a 52  
65 70 6c 79 54 6f 2  
0 53 4f 41 50 wsa:  
ReplyTo SOAP  
0290 2d 45 4e 56 3a  
6d 75 73 74 55 6e 6  
4 65 72 73 74 -ENV  
:mustUnderst  
02a0 61 6e 64 3d 22  
74 72 75 65 22 3e 3  
c 77 73 61 3a and=  
"true"><wsa:  
02b0 41 64 64 72 65  
73 73 3e 68 74 74 7  
0 3a 2f 2f 73 Addr

ess>http://s  
02c0 63 68 65 6d 61  
73 2e 78 6d 6c 73 6  
f 61 70 2e 6f chem  
as.xmlsoap.o  
02d0 72 67 2f 77 73  
2f 32 30 30 34 2f 3  
0 38 2f 61 64 rg/w  
s/2004/08/ad  
02e0 64 72 65 73 73  
69 6e 67 2f 72 6f 6  
c 65 2f 61 6e dres  
sing/role/an  
02f0 6f 6e 79 6d 6f  
75 73 3c 2f 77 73 6  
1 3a 41 64 64 onym  
ous</wsa:Add  
0300 72 65 73 73 3e  
3c 2f 77 73 61 3a 5  
2 65 70 6c 79 ress  
></wsa:Reply  
0310 54 6f 3e 3c 77  
73 61 3a 54 6f 20 5  
3 4f 41 50 2d To><  
wsa:To SOAP-  
0320 45 4e 56 3a 6d  
75 73 74 55 6e 64 6  
5 72 73 74 61 ENV:  
mustUndersta  
0330 6e 64 3d 22 74  
72 75 65 22 3e 75 6  
4 70 3a 2f 2f nd="  
true">udp://  
0340 5b 46 46 30 32  
3a 3a 43 5d 3a 33 3  
7 30 32 3c 2f [FF0  
2::C]:3702</  
0350 77 73 61 3a 54  
6f 3e 3c 77 73 61 3  
a 41 63 74 69 wsa:  
To><wsa:Acti  
0360 6f 6e 20 53 4f  
41 50 2d 45 4e 56 3  
a 6d 75 73 74 on S  
OAP-ENV:must  
0370 55 6e 64 65 72  
73 74 61 6e 64 3d 2  
2 74 72 75 65 Unde  
rstand="true  
0380 22 3e 68 74 74  
70 3a 2f 2f 73 63 6  
8 65 6d 61 73 ">ht  
tp://schemas  
0390 2e 78 6d 6c 73  
6f 61 70 2e 6f 72 6  
7 2f 77 73 2f .xml  
soap.org/ws/  
03a0 32 30 30 34 2f  
31 30 2f 64 69 73 6  
3 6f 76 65 72 2004  
/10/discover  
03b0 79 2f 50 72 6f  
62 65 3c 2f 77 73 6  
1 3a 41 63 74 y/Pr  
obe</wsa:Act  
03c0 69 6f 6e 3e 3c  
2f 53 4f 41 50 2d 4  
5 4e 56 3a 48 ion>  
</SOAP-ENV:H

03d0 65 61 64 65 72  
3e 3c 53 4f 41 50 2  
d 45 4e 56 3a eade  
r><SOAP-ENV:  
03e0 42 6f 64 79 3e  
3c 77 73 64 3a 50 7  
2 6f 62 65 3e Body  
><wsd:Probe>  
03f0 3c 77 73 64 3a  
54 79 70 65 73 3e 6  
8 70 44 65 76 <wsd  
:Types>hpDev  
0400 69 63 65 3c 2f  
77 73 64 3a 54 79 7  
0 65 73 3e 3c ice<  
/wsd:Types><  
0410 2f 77 73 64 3a  
50 72 6f 62 65 3e 3  
c 2f 53 4f 41 /wsd  
:Probe></SOA  
0420 50 2d 45 4e 56  
3a 42 6f 64 79 3e 3  
c 2f 53 4f 41 P-EN  
V:Body></SOA  
0430 50 2d 45 4e 56  
3a 45 6e 76 65 6c 6  
f 70 65 3e P-EN  
V:Envelope>

No. Time  
Source  
Destination  
Protocol Leng  
th Info  
3 0.749998000  
192.168.2.6  
192.168.2.255  
NBNS 92  
Name query NB ISA  
TAP<00>

Frame 3: 92 bytes on  
wire (736 bits), 92  
bytes captured (736  
bits) on interface  
0  
Ethernet II, Src: In  
telCor\_05:3f:2a (00:  
1e:65:05:3f:2a), Dst  
: Broadcast (ff:ff:f  
f:ff:ff:ff)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.6 (192.168.2.6),  
Dst: 192.168.2.255  
(192.168.2.255)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 78  
Identification:  
0x0ce5 (3301)  
Flags: 0x00

Fragment offset:  
0  
Time to live: 12  
8  
Protocol: UDP (1  
7)  
Header checksum:  
0xa764 [correct]  
[Good: True]  
[Bad: False]  
Source: 192.168.  
2.6 (192.168.2.6)  
Destination: 192  
.168.2.255 (192.168.  
2.255)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
User Datagram Protoc  
ol, Src Port: netbio  
s-ns (137), Dst Port  
: netbios-ns (137)  
NetBIOS Name Service

No.	Time	Source	Destination	Protocol	Leng
3	2.113470000	WistronI_bb:66:cb	Arcadyan_02:4b:	ARP	42
		Who has 192.168.2. 1? Tell 192.168.2.			

Frame 4: 42 bytes on  
wire (336 bits), 42  
bytes captured (336  
bits) on interface  
0  
Ethernet II, Src: Wi  
stronI\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Address Resolution P  
rotocol (request)

No.	Time	Source	Destination	Protocol	Leng
4	2.113881000	Arcadyan_02:4b:ed	WistronI_bb:66:	ARP	60
		192.168.2.1 is at 00:1a:2a:02:4b:ed			

Frame 5: 60 bytes on  
wire (480 bits), 60  
bytes captured (480  
bits) on interface  
0  
Ethernet II, Src: Ar

arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed), Dst  
: WistronI\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Address Resolution Protocol (reply)

No.	Time	Source	Destination	Protocol	Length	Info
	6.4466606000	192.168.2.3	64.15.117.182	TCP	54	59545 > https [FIN, ACK] Seq=1 Ack=1 Win=16614 Len=0

Frame 6: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface 0

Ethernet II, Src: WistronI\_bb:66:cb (f0:de:f1:bb:66:cb), Dst: Arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed)  
Internet Protocol Version 4, Src: 192.168.2.3 (192.168.2.3), Dst: 64.15.117.182 (64.15.117.182)  
Version: 4  
Header length: 20 bytes  
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))  
Total Length: 40  
Identification: 0x45db (17883)  
Flags: 0x02 (Don't Fragment)  
Fragment offset: 0  
Time to live: 128  
Protocol: TCP (6)  
Header checksum: 0x0000 [incorrect, should be 0x3c84 (may be caused by "IP checksum offload"?)]  
[Good: False]  
[Bad: True]  
Source: 192.168.2.3 (192.168.2.3)  
Destination: 64.15.117.182 (64.15.117.182)  
[Source GeolIP: U



Unknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59545 (59545), Dst  
Port: https (443), S  
eq: 1, Ack: 1, Len:  
0

No.	Time	Source	Destination	Protocol	Length	Info
7	4.466633000	192.168.2.3	64.15.117.182	TCP	54	59545 > https [RST, ACK] Seq=2 Ack=1 Win=0 Len=0

Frame 7: 54 bytes on  
wire (432 bits), 54  
bytes captured (432  
bits) on interface  
0

Ethernet II, Src: Wi  
stronI\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 64.15.117.182  
(64.15.117.182)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 40  
Identification:  
0x45dc (17884)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0  
Time to live: 12  
8  
Protocol: TCP (6  
)  
Header checksum:  
0x0000 [incorrect,  
should be 0x3c83 (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False  
]  
[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 64.

15.117.182 (64.15.117.182)  
[Source GeolIP: Unknown]  
[Destination GeolIP: Unknown]  
Transmission Control Protocol, Src Port: 59545 (59545), Dst Port: https (443), Seq: 2, Ack: 1, Len: 0

No.	Time	Source	Destination	Protocol	Length	Info
8	4.466810000	192.168.2.3	64.15.117.214	TCP	54	59567 > https [FIN, ACK] Seq=1 Ack=1 Win=16614 Len=0

Frame 8: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface 0

Ethernet II, Src: WiStronI\_bb:66:cb (f0:de:f1:bb:66:cb), Dst: Arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed)  
Internet Protocol Version 4, Src: 192.168.2.3 (192.168.2.3), Dst: 64.15.117.214 (64.15.117.214)  
Version: 4  
Header length: 20 bytes  
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))  
Total Length: 40  
Identification: 0x45dd (17885)  
Flags: 0x02 (Don't Fragment)  
Fragment offset: 0  
Time to live: 128  
Protocol: TCP (6)  
Header checksum: 0x0000 [incorrect, should be 0x3c62 (may be caused by "IP checksum offload"?)]  
[Good: False]  
[Bad: True]

Source: 192.168.2.3 (192.168.2.3)  
Destination: 64.15.117.214 (64.15.117.214)  
[Source GeoIP: Unknown]  
[Destination GeoIP: Unknown]  
Transmission Control Protocol, Src Port: 59567 (59567), Dst Port: https (443), Seq: 1, Ack: 1, Len: 0

No.	Time	Source	Destination	Protocol	Length	Info
9	4.466822000	192.168.2.3	64.15.117.214	TCP	54	59567 > https [RST, ACK] Seq=2 Ack=1 Win=0 Len=0

Frame 9: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface 0

Ethernet II, Src: WiStronl\_bb:66:cb (f0:de:f1:bb:66:cb), Dst: Arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed)  
Internet Protocol Version 4, Src: 192.168.2.3 (192.168.2.3), Dst: 64.15.117.214 (64.15.117.214)  
Version: 4  
Header length: 20 bytes  
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))  
Total Length: 40  
Identification: 0x45de (17886)  
Flags: 0x02 (Don't Fragment)  
Fragment offset: 0  
Time to live: 128  
Protocol: TCP (6)  
Header checksum: 0x0000 [incorrect, should be 0x3c61 (may be caused by "IP checksum offload"?)]

[Good: False]  
[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 64.  
15.117.214 (64.15.11  
7.214)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59567 (59567), Dst  
Port: https (443), S  
eq: 2, Ack: 1, Len:  
0

No.	Time	Source	Destination	Protocol	Leng	th Info
10	4.466948000	192.168.2.3	64.15.117.216	TCP	54	59560 > https [FI N, ACK] Seq=1 Ack=1 Win=16614 Len=0

Frame 10: 54 bytes o  
n wire (432 bits), 5  
4 bytes captured (43  
2 bits) on interface  
0  
Ethernet II, Src: Wi  
stronl\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 64.15.117.216  
(64.15.117.216)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 40  
Identification:  
0x45df (17887)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0  
Time to live: 12  
8  
Protocol: TCP (6  
)  
Header checksum:  
0x0000 [incorrect,

should be 0x3c5e (may be caused by "IP checksum offload"?)]  
[Good: False]  
[Bad: True]  
Source: 192.168.2.3 (192.168.2.3)  
Destination: 64.15.117.216 (64.15.117.216)  
[Source GeoIP: Unknown]  
[Destination GeoIP: Unknown]  
Transmission Control Protocol, Src Port: 59560 (59560), Dst Port: https (443), Seq: 1, Ack: 1, Len: 0

No.	Time	Source	Destination	Protocol	Length	Info
11	4.466958000	192.168.2.3	64.15.117.216	TCP	54	59560 > https [RST, ACK] Seq=2 Ack=1 Win=0 Len=0

Frame 11: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface 0  
Ethernet II, Src: WiStronI\_bb:66:cb (f0:de:f1:bb:66:cb), Dst: Arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed)  
Internet Protocol Version 4, Src: 192.168.2.3 (192.168.2.3), Dst: 64.15.117.216 (64.15.117.216)  
Version: 4  
Header length: 20 bytes  
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))  
Total Length: 40  
Identification: 0x45e0 (17888)  
Flags: 0x02 (Don't Fragment)  
Fragment offset: 0  
Time to live: 128  
Protocol: TCP (6

) Header checksum:  
0x0000 [incorrect,  
should be 0x3c5d (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False  
]  
[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 64.  
15.117.216 (64.15.11  
7.216)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59560 (59560), Dst  
Port: https (443), S  
eq: 2, Ack: 1, Len:  
0

No.	Time
Source	
Destination	
Protocol	Leng
th Info	
12	4.467114000
192.168.2.3	
64.15.117.251	
TCP	54
59558 > https [FI	
N, ACK] Seq=1 Ack=1	
Win=16614 Len=0	

Frame 12: 54 bytes o  
n wire (432 bits), 5  
4 bytes captured (43  
2 bits) on interface  
0  
Ethernet II, Src: Wi  
stronI\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 64.15.117.251  
(64.15.117.251)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 40  
Identification:  
0x45e1 (17889)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0

Time to live: 12  
8  
Protocol: TCP (6  
)  
Header checksum:  
0x0000 [incorrect,  
should be 0x3c39 (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False  
]  
[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 64.  
15.117.251 (64.15.11  
7.251)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59558 (59558), Dst  
Port: https (443), S  
eq: 1, Ack: 1, Len:  
0

No.	Time	Source	Destination	Protocol	Leng	th Info
13	4.467124000	192.168.2.3	64.15.117.251	TCP	54	59558 > https [RS T, ACK] Seq=2 Ack=1 Win=0 Len=0

Frame 13: 54 bytes o  
n wire (432 bits), 5  
4 bytes captured (43  
2 bits) on interface  
0  
Ethernet II, Src: Wi  
stronI\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 64.15.117.251  
(64.15.117.251)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 40  
Identification:  
0x45e2 (17890)  
Flags: 0x02 (Don

t Fragment)  
Fragment offset:  
0  
Time to live: 12  
8  
Protocol: TCP (6  
)  
Header checksum:  
0x0000 [incorrect,  
should be 0x3c38 (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False  
]  
[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 64.  
15.117.251 (64.15.11  
7.251)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59558 (59558), Dst  
Port: https (443), S  
eq: 2, Ack: 1, Len:  
0

No.	Time	Source	Destination	Protocol	Leng	th Info
14	4.496763000	64.15.117.182	192.168.2.3	TCP	60	https > 59545 [RS T] Seq=1 Win=0 Len=0

Frame 14: 60 bytes o  
n wire (480 bits), 6  
0 bytes captured (48  
0 bits) on interface  
0  
Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: WistronI\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 64.15.  
117.182 (64.15.117.1  
82), Dst: 192.168.2.  
3 (192.168.2.3)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 40  
Identification:



```

0x0000 (0)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 58
  Protocol: TCP (6)
)
  Header checksum: 0xc85f [correct]
    [Good: True]
    [Bad: False]
  Source: 64.15.117.182 (64.15.117.182)
  Destination: 192.168.2.3 (192.168.2.3)
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: https (443), Dst Port: 59545 (59545), Seq: 1, Len: 0

```

```

No.    Time
Source
Destination
Protocol Leng
th Info
15 4.502639000
64.15.117.216
192.168.2.3
TCP 60
https > 59560 [RST] Seq=1 Win=0 Len=0

```

```

Frame 15: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface 0
Ethernet II, Src: Arcadyan_02:4b:ed (00:1a:2a:02:4b:ed), Dst: WistronI_bb:66:cb (f0:de:f1:bb:66:cb)
Internet Protocol Version 4, Src: 64.15.117.216 (64.15.117.216), Dst: 192.168.2.3 (192.168.2.3)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))
  Total Length: 40
  Identification: 0x0000 (0)
  Flags: 0x02 (Don't Fragment)

```

Fragment offset:  
0  
Time to live: 58  
Protocol: TCP (6  
)  
Header checksum:  
0xc83d [correct]  
[Good: True]  
[Bad: False]  
Source: 64.15.11  
7.216 (64.15.117.216  
)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59560 (59560), S  
eq: 1, Len: 0

No.	Time	Source	Destination	Protocol	Length
16	4.505217000	64.15.117.214	192.168.2.3	TCP	60

https > 59567 [RS  
T] Seq=1 Win=0 Len=0

Frame 16: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface 0  
Ethernet II, Src: Arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed), Dst: Wistronl\_bb:66:cb (f0:de:f1:bb:66:cb)  
Internet Protocol Version 4, Src: 64.15.117.214 (64.15.117.214), Dst: 192.168.2.3 (192.168.2.3)  
Version: 4  
Header length: 20 bytes  
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))  
Total Length: 40  
Identification: 0x0000 (0)  
Flags: 0x02 (Don't Fragment)  
Fragment offset: 0  
Time to live: 58

) Protocol: TCP (6  
) Header checksum:  
0xc83f [correct]  
[Good: True]  
[Bad: False]  
Source: 64.15.11  
7.214 (64.15.117.214  
) Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59567 (59567), S  
eq: 1, Len: 0

No.	Time	Source	Destination	Protocol	Leng
17	4.508354000	64.15.117.251	192.168.2.3	TCP	60
https > 59558 [RS T] Seq=1 Win=0 Len=0					

Frame 17: 60 bytes o  
n wire (480 bits), 6  
0 bytes captured (48  
0 bits) on interface  
0  
Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: Wistronl\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 64.15.  
117.251 (64.15.117.2  
51), Dst: 192.168.2.  
3 (192.168.2.3)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 40  
Identification:  
0x0000 (0)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0  
Time to live: 58  
Protocol: TCP (6  
) Header checksum:

0xc81a [correct]  
[Good: True]  
[Bad: False]  
Source: 64.15.11  
7.251 (64.15.117.251  
)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59558 (59558), S  
eq: 1, Len: 0

No.	Time	Source	Destination	Protocol	Leng
	18 4.682299000	fe80::2ca8:10df:2	a1b:ff39 ff02::1:ff4	d:2fe3	ICMPv6
86		Neighbor Soli	citation for fe80::3	a59:f9ff:fe4d:2fe3 f	rom 00:1e:65:05:3f:2
		a			

Frame 18: 86 bytes o  
n wire (688 bits), 8  
6 bytes captured (68  
8 bits) on interface  
0

Ethernet II, Src: In  
telCor\_05:3f:2a (00:  
1e:65:05:3f:2a), Dst  
: IPv6mcast\_ff:4d:2f  
:e3 (33:33:ff:4d:2f:  
e3)

Internet Protocol Ve  
rsion 6, Src: fe80::  
2ca8:10df:2a1b:ff39  
(fe80::2ca8:10df:2a1  
b:ff39), Dst: ff02::  
1:ff4d:2fe3 (ff02::1  
:ff4d:2fe3)

Internet Control Mes  
sage Protocol v6

No.	Time	Source	Destination	Protocol	Leng
	19 4.838021000	192.168.2.3	128.119.245.12	TCP	66
		59569 > http [SYN			
		] Seq=0 Win=8192 Len			
		=0 MSS=1460 WS=4 SAC			
		K_PERM=1			

Frame 19: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0  
Ethernet II, Src: Wi  
stronl\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 128.119.245.12  
(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))  
Total Length: 52  
Identification:  
0x45e3 (17891)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0  
Time to live: 12  
8  
Protocol: TCP (6  
)  
Header checksum:  
0x0000 [incorrect,  
should be 0x7cb1 (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False  
]  
[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 128  
.119.245.12 (128.119  
.245.12)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59569 (59569), Dst  
Port: http (80), Seq  
: 0, Len: 0

No.	Time	Source	Destination	Protocol	Leng	th Info
20	4.839119000	192.168.2.3	128.119.245.12	TCP	66	59570 > http [SYN ] Seq=0 Win=8192 Len

=0 MSS=1460 WS=4 SAC  
K\_PERM=1

Frame 20: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0

Ethernet II, Src: WiStronI\_bb:66:cb (f0:de:f1:bb:66:cb), Dst: Arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed)

Internet Protocol Version 4, Src: 192.168.2.3 (192.168.2.3), Dst: 128.119.245.12 (128.119.245.12)

Version: 4  
Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))

Total Length: 52  
Identification: 0x45e4 (17892)

Flags: 0x02 (Don't Fragment)

Fragment offset: 0

Time to live: 128

Protocol: TCP (6)

Header checksum: 0x0000 [incorrect, should be 0x7cb0 (may be caused by "IP checksum offload"?)]

[Good: False]

[Bad: True]

Source: 192.168.2.3 (192.168.2.3)

Destination: 128.119.245.12 (128.119.245.12)

[Source GeoIP: Unknown]

[Destination GeoIP: Unknown]

Transmission Control Protocol, Src Port: 59570 (59570), Dst Port: http (80), Seq: 0, Len: 0

No.	Time	Source	Destination	Protocol	Length	Info
21	5.005005000	128.119.245.12	192.168.2.3			

TCP 66  
http > 59569 [SYN  
, ACK] Seq=0 Ack=1 W  
in=5840 Len=0 MSS=14  
52 SACK\_PERM=1 WS=12  
8

Frame 21: 66 bytes o  
n wire (528 bits), 6  
6 bytes captured (52  
8 bits) on interface  
0

Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: WistronI\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 128.11  
9.245.12 (128.119.24  
5.12), Dst: 192.168.  
2.3 (192.168.2.3)

Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))

Total Length: 52  
Identification:  
0x0000 (0)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0  
Time to live: 50  
Protocol: TCP (6  
)

Header checksum:  
0x1095 [correct]  
[Good: True]  
[Bad: False]  
Source: 128.119.  
245.12 (128.119.245.  
12)  
Destination: 192  
.168.2.3 (192.168.2.  
3)

[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]

Transmission Control  
Protocol, Src Port:  
http (80), Dst Port  
: 59569 (59569), Seq  
: 0, Ack: 1, Len: 0

No. Time  
Source  
Destination  
Protocol Leng  
th Info  
22 5.005051000  
192.168.2.3  
128.119.245.12

TCP 54  
59569 > http [ACK  
] Seq=1 Ack=1 Win=66  
792 Len=0

Frame 22: 54 bytes o  
n wire (432 bits), 5  
4 bytes captured (43  
2 bits) on interface  
0

Ethernet II, Src: Wi  
stronl\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 128.119.245.12  
(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))

Total Length: 40  
Identification:  
0x45e5 (17893)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:

0  
Time to live: 12

8  
Protocol: TCP (6  
)

Header checksum:  
0x0000 [incorrect,  
should be 0x7cbb (ma  
y be caused by "IP c  
hecksum offload"?)]

[Good: False

]  
[Bad: True]

Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 128  
.119.245.12 (128.119  
.245.12)

[Source GeoIP: U  
nknown]

[Destination Geo  
IP: Unknown]

Transmission Control  
Protocol, Src Port:  
59569 (59569), Dst  
Port: http (80), Seq  
: 1, Ack: 1, Len: 0

No. Time  
Source  
Destination  
Protocol Leng  
th Info  
23 5.006960000



128.119.245.12  
192.168.2.3  
TCP 66  
http > 59570 [SYN  
, ACK] Seq=0 Ack=1 W  
in=5840 Len=0 MSS=14  
52 SACK\_PERM=1 WS=12  
8

Frame 23: 66 bytes o  
n wire (528 bits), 6  
6 bytes captured (52  
8 bits) on interface  
0

Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: WistronI\_bb:66:cb  
(f0:de:f1:bb:66:cb)

Internet Protocol Ve  
rsion 4, Src: 128.11  
9.245.12 (128.119.24  
5.12), Dst: 192.168.  
2.3 (192.168.2.3)

Version: 4  
Header length: 2  
0 bytes

Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))

Total Length: 52  
Identification:

0x0000 (0)  
Flags: 0x02 (Don  
't Fragment)

Fragment offset:  
0

Time to live: 50  
Protocol: TCP (6

)  
Header checksum:  
0x1095 [correct]  
[Good: True]  
[Bad: False]

Source: 128.119.  
245.12 (128.119.245.  
12)

Destination: 192  
.168.2.3 (192.168.2.  
3)

[Source GeoIP: U  
nknown]

[Destination Geo  
IP: Unknown]

Transmission Control  
Protocol, Src Port:  
http (80), Dst Port  
: 59570 (59570), Seq  
: 0, Ack: 1, Len: 0

No. Time  
Source  
Destination  
Protocol Leng  
th Info  
24 5.006999000

192.168.2.3  
128.119.245.12  
TCP 54  
59570 > http [ACK  
] Seq=1 Ack=1 Win=66  
792 Len=0

Frame 24: 54 bytes o  
n wire (432 bits), 5  
4 bytes captured (43  
2 bits) on interface  
0

Ethernet II, Src: Wi  
stronI\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 128.119.245.12  
(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))

Total Length: 40  
Identification:  
0x45e6 (17894)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:

0  
Time to live: 12

8  
Protocol: TCP (6

)  
Header checksum:  
0x0000 [incorrect,  
should be 0x7cba (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False

] [Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 128  
.119.245.12 (128.119  
.245.12)

[Source GeoIP: U  
nknown]

[Destination Geo  
IP: Unknown]

Transmission Control  
Protocol, Src Port:  
59570 (59570), Dst  
Port: http (80), Seq  
: 1, Ack: 1, Len: 0

No. Time  
Source  
Destination  
Protocol Leng

th Info  
25 5.008299000  
192.168.2.3  
128.119.245.12  
HTTP 458  
GET /wireshark-la  
bs/HTTP-wireshark-fi  
le1.html HTTP/1.1

Frame 25: 458 bytes  
on wire (3664 bits),  
458 bytes captured  
(3664 bits) on inter  
face 0

Ethernet II, Src: Wi  
stronI\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 128.119.245.12  
(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))

Total Length: 44

4  
Identification:  
0x45e7 (17895)  
Flags: 0x02 (Don  
't Fragment)

Fragment offset:

0  
Time to live: 12

8  
Protocol: TCP (6

)  
Header checksum:  
0x0000 [incorrect,  
should be 0x7b25 (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False

] [Bad: True]

Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 128  
.119.245.12 (128.119  
.245.12)

[Source GeoIP: U  
nknown]

[Destination Geo  
IP: Unknown]

Transmission Control  
Protocol, Src Port:  
59569 (59569), Dst  
Port: http (80), Seq  
: 1, Ack: 1, Len: 40

4  
Hypertext Transfer P

```

rotocol
GET /wireshark-l
abs/HTTP-wireshark-f
ile1.html HTTP/1.1\r
\n
[Expert Info
(Chat/Sequence): GE
T /wireshark-labs/HT
TP-wireshark-file1.h
tml HTTP/1.1\r\n]
Request Meth
od: GET
Request URI:
/wireshark-labs/HTT
P-wireshark-file1.ht
ml
Request Vers
ion: HTTP/1.1
Host: gaia.cs.um
ass.edu\r\n
Connection: keep
-alive\r\n
Accept: text/htm
l,application/xhtml+
xml,application/xml;
q=0.9,image/webp,/*
;q=0.8\r\n
User-Agent: Mozi
lla/5.0 (Windows NT
6.1; WOW64) AppleWeb
Kit/537.36 (KHTML, l
ike Gecko) Chrome/30
.0.1599.101 Safari/5
37.36\r\n
Accept-Encoding:
gzip,deflate,sdch\r
\n
Accept-Language:
tr-TR,tr;q=0.8,en-U
S;q=0.6,en;q=0.4\r\n
\r\n
[Full request UR
l: http://gaia.cs.um
ass.edu/wireshark-la
bs/HTTP-wireshark-fi
le1.html]
[HTTP request 1/
2]
[Response in fra
me: 27]
[Next request in
frame: 28]

```

```

No.    Time
Source
Destination
Protocol Leng
th Info
26 5.180110000
128.119.245.12
192.168.2.3
TCP      60
http > 59569 [ACK
] Seq=1 Ack=405 Win=
6912 Len=0

```

```

Frame 26: 60 bytes o
n wire (480 bits), 6
0 bytes captured (48

```

0 bits) on interface  
0  
Ethernet II, Src: Arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed), Dst: Wistronl\_bb:66:cb (f0:de:f1:bb:66:cb)  
Internet Protocol Version 4, Src: 128.119.245.12 (128.119.245.12), Dst: 192.168.2.3 (192.168.2.3)  
Version: 4  
Header length: 20 bytes  
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))  
Total Length: 40  
Identification: 0x63b6 (25526)  
Flags: 0x02 (Don't Fragment)  
Fragment offset: 0  
Time to live: 50  
Protocol: TCP (6)  
Header checksum: 0xacea [correct]  
[Good: True]  
[Bad: False]  
Source: 128.119.245.12 (128.119.245.12)  
Destination: 192.168.2.3 (192.168.2.3)  
[Source GeoIP: Unknown]  
[Destination GeoIP: Unknown]  
Transmission Control Protocol, Src Port: http (80), Dst Port: 59569 (59569), Seq: 1, Ack: 405, Len: 0

No.	Time	Source	Destination	Protocol	Length	Info
27	5.181562000	128.119.245.12	192.168.2.3	HTTP	482	HTTP/1.1 200 OK (text/html)

Frame 27: 482 bytes on wire (3856 bits), 482 bytes captured (3856 bits) on interface 0

Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: WistronI\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 128.11  
9.245.12 (128.119.24  
5.12), Dst: 192.168.  
2.3 (192.168.2.3)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 46  
8  
Identification:  
0x63b7 (25527)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0  
Time to live: 50  
Protocol: TCP (6  
)  
Header checksum:  
0xab3d [correct]  
[Good: True]  
[Bad: False]  
Source: 128.119.  
245.12 (128.119.245.  
12)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
http (80), Dst Port  
: 59569 (59569), Seq  
: 1, Ack: 405, Len:  
428  
Hypertext Transfer P  
rotocol  
HTTP/1.1 200 OK\  
r\n  
[Expert Info  
(Chat/Sequence): HT  
TP/1.1 200 OK\r\n]  
Request Vers  
ion: HTTP/1.1  
Status Code:  
200  
Response Phr  
ase: OK  
Date: Sat, 02 No  
v 2013 18:36:07 GMT\  
r\n  
Server: Apache/2  
.2.3 (CentOS)\r\n  
Last-Modified: S

at, 02 Nov 2013 18:3  
6:01 GMT\r\n  
ETag: "8734d-80-  
f460e640"\r\n  
Accept-Ranges: b  
ytes\r\n  
Content-Length:  
128\r\n  
Keep-Alive: time  
out=10, max=100\r\n  
Connection: Keep  
-Alive\r\n  
Content-Type: te  
xt/html; charset=UTF  
-8\r\n  
\r\n

[HTTP response 1  
/2]  
[Time since requ  
est: 0.173263000 sec  
onds]  
[Request in fram  
e: 25]  
[Next request in  
frame: 28]  
[Next response i  
n frame: 34]  
Line-based text data  
: text/html

No.	Time	Source	Destination	Protocol	Leng
th Info					
28	5.264188000	192.168.2.3	128.119.245.12	HTTP	358
GET /favicon.ico					
HTTP/1.1					

Frame 28: 358 bytes  
on wire (2864 bits),  
358 bytes captured  
(2864 bits) on inter  
face 0  
Ethernet II, Src: Wi  
stronI\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 128.119.245.12  
(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))  
Total Length: 34  
4  
Identification:

0x45e8 (17896)  
Flags: 0x02 (Don't Fragment)  
Fragment offset: 0  
Time to live: 128  
Protocol: TCP (6)  
Header checksum: 0x0000 [incorrect, should be 0x7b88 (may be caused by "IP checksum offload"?)]  
[Good: False]  
[Bad: True]  
Source: 192.168.2.3 (192.168.2.3)  
Destination: 128.119.245.12 (128.119.245.12)  
[Source GeoIP: Unknown]  
[Destination GeoIP: Unknown]  
Transmission Control Protocol, Src Port: 59569 (59569), Dst Port: http (80), Seq: 405, Ack: 429, Len: 304  
Hypertext Transfer Protocol  
GET /favicon.ico HTTP/1.1  
[Expert Info (Chat/Sequence): GET /favicon.ico HTTP/1.1]  
Request Method: GET  
Request URI: /favicon.ico  
Request Version: HTTP/1.1  
Host: gaia.cs.umass.edu  
Connection: keep-alive  
Accept: \*/\*  
User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/30.0.1599.101 Safari/537.36  
Accept-Encoding: gzip, deflate, sdch  
Accept-Language: tr-TR, tr;q=0.8, en-US;q=0.6, en;q=0.4  
[Full request URI: http://gaia.cs.umass.edu/favicon.ico]  
[HTTP request 2/



2]  
[Prev request in  
frame: 25]  
[Response in fra  
me: 34]

No.	Time	Source	Destination	Protocol	Leng
th Info	29	5.422325000	192.168.2.3	173.194.112.162	TLSv1.2 315
				Application Data	

Frame 29: 315 bytes  
on wire (2520 bits),  
315 bytes captured  
(2520 bits) on inter  
face 0  
Ethernet II, Src: Wi  
stronI\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 173.194.112.16  
2 (173.194.112.162)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 30  
1  
Identification:  
0x45e9 (17897)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0  
Time to live: 12  
8  
Protocol: TCP (6  
)  
Header checksum:  
0x0000 [incorrect,  
should be 0xd2d1 (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False  
]  
[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 173  
.194.112.162 (173.19  
4.112.162)  
[Source GeoIP: U  
nknown]  
[Destination Geo

IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59161 (59161), Dst  
Port: https (443), S  
eq: 1, Ack: 1, Len:  
261  
Secure Sockets Layer

No.	Time	Source	Destination	Protocol	Leng	th Info
30	5.422387000	192.168.2.3	173.194.112.162	TLSv1.2	91	Application Data

Frame 30: 91 bytes on wire (728 bits), 91 bytes captured (728 bits) on interface 0  
Ethernet II, Src: WiStronI\_bb:66:cb (f0:de:f1:bb:66:cb), Dst: : Arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed)  
Internet Protocol Version 4, Src: 192.168.2.3 (192.168.2.3), Dst: 173.194.112.162 (173.194.112.162)  
Version: 4  
Header length: 20 bytes  
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))  
Total Length: 77  
Identification: 0x45ea (17898)  
Flags: 0x02 (Don't Fragment)  
Fragment offset: 0  
Time to live: 128  
Protocol: TCP (6)  
Header checksum: 0x0000 [incorrect, should be 0xd3b0 (may be caused by "IP checksum offload"?)]  
[Good: False]  
[Bad: True]  
Source: 192.168.2.3 (192.168.2.3)  
Destination: 173.194.112.162 (173.194.112.162)  
[Source GeoIP: U

Unknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59161 (59161), Dst  
Port: https (443), S  
eq: 262, Ack: 1, Len  
: 37  
Secure Sockets Layer

No.	Time	Source	Destination	Protocol	Length	Info
31	5.422460000	192.168.2.3	173.194.112.162	TLSv1.2	2939	Application Data

Frame 31: 2939 bytes  
on wire (23512 bits  
, 2939 bytes captur  
ed (23512 bits) on i  
nterface 0  
Ethernet II, Src: Wi  
stronl\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 173.194.112.16  
2 (173.194.112.162)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
[Total Length: 2  
925 bytes (reported  
as 0, presumed to be  
because of "TCP seg  
mentation offload" (  
TSO))]  
Identification:  
0x45eb (17899)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0  
Time to live: 12  
8  
Protocol: TCP (6  
)  
Header checksum:  
0x0000 [incorrect,  
should be 0xd3fc (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False  
]

[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 173  
.194.112.162 (173.19  
4.112.162)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59161 (59161), Dst  
Port: https (443), S  
eq: 299, Ack: 1, Len  
: 2885  
Secure Sockets Layer

No.	Time	Source	Destination	Protocol	Leng
				th Info	
	32 5.422540000	192.168.2.3	173.194.112.162	TLSv1.2	2939
				Application Data	

Frame 32: 2939 bytes  
on wire (23512 bits  
, 2939 bytes captur  
ed (23512 bits) on i  
nterface 0  
Ethernet II, Src: Wi  
stronI\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 173.194.112.16  
2 (173.194.112.162)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
[Total Length: 2  
925 bytes (reported  
as 0, presumed to be  
because of "TCP seg  
mentation offload" (  
TSO))]  
Identification:  
0x45ee (17902)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0  
Time to live: 12  
8  
Protocol: TCP (6  
)

Header checksum:  
0x0000 [incorrect,  
should be 0xd3f9 (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False  
]  
[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 173  
.194.112.162 (173.19  
4.112.162)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59161 (59161), Dst  
Port: https (443), S  
eq: 3184, Ack: 1, Le  
n: 2885  
Secure Sockets Layer

No.	Time
Source	
Destination	
Protocol	Leng
th Info	
33	5.422595000
192.168.2.3	
173.194.112.162	
TLSv1.2	1124
Application Data	

Frame 33: 1124 bytes  
on wire (8992 bits)  
, 1124 bytes capture  
d (8992 bits) on int  
erface 0  
Ethernet II, Src: Wi  
stronI\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 173.194.112.16  
2 (173.194.112.162)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 11  
10  
Identification:  
0x45f1 (17905)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0  
Time to live: 12

8  
Protocol: TCP (6  
)  
Header checksum:  
0x0000 [incorrect,  
should be 0xcfa0 (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False  
]  
[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 173  
.194.112.162 (173.19  
4.112.162)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59161 (59161), Dst  
Port: https (443), S  
eq: 6069, Ack: 1, Le  
n: 1070  
Secure Sockets Layer

No.	Time
Source	
Destination	
Protocol	Leng
th Info	
34	5.437793000
128.119.245.12	
192.168.2.3	
HTTP	564
HTTP/1.1	404 Not Found (text/html)

Frame 34: 564 bytes  
on wire (4512 bits),  
564 bytes captured  
(4512 bits) on inter  
face 0  
Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: WistronI\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 128.11  
9.245.12 (128.119.24  
5.12), Dst: 192.168.  
2.3 (192.168.2.3)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 55  
0  
Identification:  
0x63b8 (25528)  
Flags: 0x02 (Don

t Fragment)  
Fragment offset:  
0  
Time to live: 50  
Protocol: TCP (6  
)  
Header checksum:  
0xaaea [correct]  
[Good: True]  
[Bad: False]  
Source: 128.119.  
245.12 (128.119.245.  
12)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
http (80), Dst Port  
: 59569 (59569), Seq  
: 429, Ack: 709, Len  
: 510  
Hypertext Transfer P  
rotocol  
HTTP/1.1 404 Not  
Found  
[Expert Info  
(Chat/Sequence): HT  
TP/1.1 404 Not Found  
\\r\\n]  
Request Vers  
ion: HTTP/1.1  
Status Code:  
404  
Response Phr  
ase: Not Found  
Date: Sat, 02 No  
v 2013 18:36:07 GMT\\  
r\\n  
Server: Apache/2  
.2.3 (CentOS)\\r\\n  
Content-Length:  
294\\r\\n  
Keep-Alive: time  
out=10, max=99\\r\\n  
Connection: Keep  
-Alive\\r\\n  
Content-Type: te  
xt/html; charset=iso  
-8859-1\\r\\n  
\\r\\n  
[HTTP response 2  
/2]  
[Time since requ  
est: 0.173605000 sec  
onds]  
[Prev request in  
frame: 25]  
[Prev response i  
n frame: 27]  
[Request in fram  
e: 28]  
Line-based text data  
: text/html

No.	Time
Source	
Destination	
Protocol Leng	
th Info	
35	5.461417000
fe80::2ca8:10df:2	
a1b:ff39 ff02::1:ff4	
d:2fe3	ICMPv6
86	Neighbor Soli
citation for fe80::3	
a59:f9ff:fe4d:2fe3 f	
rom 00:1e:65:05:3f:2	
a	

Frame 35: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 0

Ethernet II, Src: IntelCor\_05:3f:2a (00:1e:65:05:3f:2a), Dst: IPv6mcast\_ff:4d:2fe3 (33:33:ff:4d:2fe3)

Internet Protocol Version 6, Src: fe80::2ca8:10df:2a1b:ff39 (fe80::2ca8:10df:2a1b:ff39), Dst: ff02::1:ff4d:2fe3 (ff02::1:ff4d:2fe3)

Internet Control Message Protocol v6

No.	Time
Source	
Destination	
Protocol Leng	
th Info	
36	5.481747000
173.194.112.162	
192.168.2.3	
TCP	60
https > 59161 [ACK] Seq=1 Ack=262 Win=2759 Len=0	

Frame 36: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface 0

Ethernet II, Src: Arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed), Dst: WistronI\_bb:66:cb (f0:de:f1:bb:66:cb)

Internet Protocol Version 4, Src: 173.194.112.162 (173.194.112.162), Dst: 192.168.2.3 (192.168.2.3)

Version: 4  
Header length: 20 bytes  
Differentiated Services Field: 0x00



(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Transport))  
Total Length: 40  
Identification:  
0x061f (1567)  
Flags: 0x00  
Fragment offset:  
0  
Time to live: 56  
Protocol: TCP (6)  
)  
Header checksum:  
0x9ba1 [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: Unknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Port:  
59161 (59161), Seq:  
1, Ack: 262, Len:  
0

No.	Time	Source	Destination	Protocol	Length	Info
37	5.483758000	173.194.112.162	192.168.2.3	TCP	60	https > 59161 [ACK] Seq=1 Ack=299 Win=2759 Len=0

Frame 37: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface 0  
Ethernet II, Src: Arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed), Dst: WistronI\_bb:66:cb (f0:de:f1:bb:66:cb)  
Internet Protocol Version 4, Src: 173.194.112.162 (173.194.112.162), Dst: 192.168.2.3 (192.168.2.3)  
Version: 4  
Header length: 20 bytes  
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT)

(Not ECN-Capable Transport))  
Total Length: 40  
Identification:  
0x0620 (1568)  
Flags: 0x00  
Fragment offset:  
0  
Time to live: 56  
Protocol: TCP (6)  
)  
Header checksum:  
0x9ba0 [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59161 (59161), S  
eq: 1, Ack: 299, Len  
: 0

No.	Time	Source	Destination	Protocol	Length	Info
38	5.484029000	173.194.112.162	192.168.2.3	TLSv1.2	91	Application Data

Frame 38: 91 bytes on wire (728 bits), 91 bytes captured (728 bits) on interface 0  
Ethernet II, Src: Arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed), Dst: WistronI\_bb:66:cb (f0:de:f1:bb:66:cb)  
Internet Protocol Version 4, Src: 173.194.112.162 (173.194.112.162), Dst: 192.168.2.3 (192.168.2.3)  
Version: 4  
Header length: 20 bytes  
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))  
Total Length: 77  
Identification:

0x0621 (1569)  
Flags: 0x00  
Fragment offset:  
0  
Time to live: 56  
Protocol: TCP (6  
)  
Header checksum:  
0x9b7a [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59161 (59161), S  
eq: 1, Ack: 299, Len  
: 37  
Secure Sockets Layer

No.	Time	Source	Destination	Protocol	Leng	th Info
39	5.517544000	173.194.112.162	192.168.2.3	TCP	60	https > 59161 [AC K] Seq=38 Ack=3159 W in=2759 Len=0

Frame 39: 60 bytes o  
n wire (480 bits), 6  
0 bytes captured (48  
0 bits) on interface  
0  
Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: WistronI\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 173.19  
4.112.162 (173.194.1  
12.162), Dst: 192.16  
8.2.3 (192.168.2.3)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 40  
Identification:  
0x0622 (1570)

Flags: 0x00  
Fragment offset:  
0  
Time to live: 56  
Protocol: TCP (6  
)  
Header checksum:  
0x9b9e [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59161 (59161), S  
eq: 38, Ack: 3159, L  
en: 0

No.	Time	Source	Destination	Protocol	Leng	th Info
40	5.536428000	173.194.112.162	192.168.2.3	TCP	60	https > 59161 [ACK] Seq=38 Ack=4614 Win=2759 Len=0

Frame 40: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface 0  
Ethernet II, Src: Arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed), Dst: WistronI\_bb:66:cb (f0:de:f1:bb:66:cb)  
Internet Protocol Version 4, Src: 173.194.112.162 (173.194.112.162), Dst: 192.168.2.3 (192.168.2.3)  
Version: 4  
Header length: 20 bytes  
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))  
Total Length: 40  
Identification: 0x0623 (1571)  
Flags: 0x00  
Fragment offset:

0  
Time to live: 56  
Protocol: TCP (6  
)  
Header checksum:  
0x9b9d [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59161 (59161), S  
eq: 38, Ack: 4614, L  
en: 0

No.	Time	Source	Destination	Protocol	Leng	th Info
41	5.554454000	173.194.112.162	192.168.2.3	TCP	60	https > 59161 [AC K] Seq=38 Ack=6069 W in=2759 Len=0

Frame 41: 60 bytes o  
n wire (480 bits), 6  
0 bytes captured (48  
0 bits) on interface  
0  
Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: Wistronl\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 173.19  
4.112.162 (173.194.1  
12.162), Dst: 192.16  
8.2.3 (192.168.2.3)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 40  
Identification:  
0x0624 (1572)  
Flags: 0x00  
Fragment offset:  
0  
Time to live: 56

Protocol: TCP (6  
)  
Header checksum:  
0x9b9c [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59161 (59161), S  
eq: 38, Ack: 6069, L  
en: 0  
  
No. Time  
Source  
Destination  
Protocol Leng  
th Info  
42 5.608282000  
173.194.112.162  
192.168.2.3  
TCP 60  
https > 59161 [AC  
K] Seq=38 Ack=7139 W  
in=2759 Len=0  
  
Frame 42: 60 bytes o  
n wire (480 bits), 6  
0 bytes captured (48  
0 bits) on interface  
0  
Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: WistronI\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 173.19  
4.112.162 (173.194.1  
12.162), Dst: 192.16  
8.2.3 (192.168.2.3)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 40  
Identification:  
0x0625 (1573)  
Flags: 0x00  
Fragment offset:  
0  
Time to live: 56  
Protocol: TCP (6  
)

Header checksum:  
0x9b9b [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59161 (59161), S  
eq: 38, Ack: 7139, L  
en: 0

No.	Time	Source	Destination	Protocol	Leng	th Info
43	5.632610000	192.168.2.3	128.119.245.12	TCP	54	59569 > http [ACK ] Seq=709 Ack=939 Wi n=65852 Len=0

Frame 43: 54 bytes o  
n wire (432 bits), 5  
4 bytes captured (43  
2 bits) on interface  
0  
Ethernet II, Src: Wi  
stronI\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 128.119.245.12  
(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))  
Total Length: 40  
Identification:  
0x45f2 (17906)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0  
Time to live: 12  
8  
Protocol: TCP (6  
)

Header checksum:  
0x0000 [incorrect,  
should be 0x7cae (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False  
]  
[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 128  
.119.245.12 (128.119  
.245.12)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59569 (59569), Dst  
Port: http (80), Seq  
: 709, Ack: 939, Len  
: 0

No.	Time
Source	
Destination	
Protocol	Leng
th Info	
44	5.683713000
192.168.2.3	
173.194.112.162	
TCP	54
59161 > https [AC	
K] Seq=7139 Ack=38 W	
in=16270 Len=0	

Frame 44: 54 bytes o  
n wire (432 bits), 5  
4 bytes captured (43  
2 bits) on interface  
0  
Ethernet II, Src: Wi  
stronl\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 173.194.112.16  
2 (173.194.112.162)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 40  
Identification:  
0x45f3 (17907)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0  
Time to live: 12



8 Protocol: TCP (6  
) Header checksum:  
0x0000 [incorrect,  
should be 0xd3cc (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False  
]  
[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 173  
.194.112.162 (173.19  
4.112.162)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59161 (59161), Dst  
Port: https (443), S  
eq: 7139, Ack: 38, L  
en: 0

No.	Time
Source	
Destination	
Protocol	Leng
th Info	
45	5.985433000
173.194.112.162	
192.168.2.3	
TLSv1.2	116
Application Data	

Frame 45: 116 bytes  
on wire (928 bits),  
116 bytes captured (  
928 bits) on interfa  
ce 0

Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: WistronI\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 173.19  
4.112.162 (173.194.1  
12.162), Dst: 192.16  
8.2.3 (192.168.2.3)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 10  
2  
Identification:  
0x0626 (1574)  
Flags: 0x00  
Fragment offset:  
0

Time to live: 56  
Protocol: TCP (6  
)  
Header checksum:  
0x9b5c [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59161 (59161), S  
eq: 38, Ack: 7139, L  
en: 62  
Secure Sockets Layer

No.	Time	Source	Destination	Protocol	Leng
46	5.987295000	173.194.112.162	192.168.2.3	TLSv1.2	1484
				Application Data	

Frame 46: 1484 bytes  
on wire (11872 bits  
) , 1484 bytes captur  
ed (11872 bits) on i  
nterface 0  
Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: WistronI\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 173.19  
4.112.162 (173.194.1  
12.162), Dst: 192.16  
8.2.3 (192.168.2.3)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 14  
70  
Identification:  
0x0627 (1575)  
Flags: 0x00  
Fragment offset:  
0  
Time to live: 56  
Protocol: TCP (6

)  
Header checksum:  
0x9603 [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59161 (59161), S  
eq: 100, Ack: 7139,  
Len: 1430  
Secure Sockets Layer

No.	Time
Source	
Destination	
Protocol	Leng
th Info	
47	5.987383000
192.168.2.3	
173.194.112.162	
TCP	54
59161 > https [AC	
K] Seq=7139 Ack=1530	
Win=16445 Len=0	

Frame 47: 54 bytes o  
n wire (432 bits), 5  
4 bytes captured (43  
2 bits) on interface  
0  
Ethernet II, Src: Wi  
stronI\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 173.194.112.16  
2 (173.194.112.162)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 40  
Identification:  
0x45f4 (17908)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0  
Time to live: 12  
8

Protocol: TCP (6  
)  
Header checksum:  
0x0000 [incorrect,  
should be 0xd3cb (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False  
]  
[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 173  
.194.112.162 (173.19  
4.112.162)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59161 (59161), Dst  
Port: https (443), S  
eq: 7139, Ack: 1530,  
Len: 0

No.	Time	Source	Destination	Protocol	Leng
48	5.988955000	173.194.112.162	192.168.2.3	TLSv1.2	1484
				Application Data	

Frame 48: 1484 bytes  
on wire (11872 bits  
) , 1484 bytes captur  
ed (11872 bits) on i  
nterface 0  
Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: WistronI\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 173.19  
4.112.162 (173.194.1  
12.162), Dst: 192.16  
8.2.3 (192.168.2.3)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 14  
70  
Identification:  
0x0628 (1576)  
Flags: 0x00  
Fragment offset:  
0  
Time to live: 56

Protocol: TCP (6  
)  
Header checksum:  
0x9602 [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59161 (59161), S  
eq: 1530, Ack: 7139,  
Len: 1430  
Secure Sockets Layer

No.	Time	Source	Destination	Protocol	Leng
49	5.990402000	173.194.112.162	192.168.2.3	TLSv1.2	1375
				Application Data	

Frame 49: 1375 bytes  
on wire (11000 bits  
) , 1375 bytes captur  
ed (11000 bits) on i  
nterface 0  
Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: Wistronl\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 173.19  
4.112.162 (173.194.1  
12.162), Dst: 192.16  
8.2.3 (192.168.2.3)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 13  
61  
Identification:  
0x0629 (1577)  
Flags: 0x00  
Fragment offset:  
0  
Time to live: 56  
Protocol: TCP (6  
)

Header checksum:  
0x966e [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59161 (59161), S  
eq: 2960, Ack: 7139,  
Len: 1321  
Secure Sockets Layer

No.	Time
Source	
Destination	
Protocol	Leng
th Info	
50	5.990426000
192.168.2.3	
173.194.112.162	
TCP	54
59161 > https [AC	
K] Seq=7139 Ack=4281	
Win=16445 Len=0	

Frame 50: 54 bytes o  
n wire (432 bits), 5  
4 bytes captured (43  
2 bits) on interface  
0  
Ethernet II, Src: Wi  
stronI\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 173.194.112.16  
2 (173.194.112.162)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 40  
Identification:  
0x45f5 (17909)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0  
Time to live: 12  
8  
Protocol: TCP (6

) Header checksum:  
0x0000 [incorrect,  
should be 0xd3ca (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False  
]  
[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 173  
.194.112.162 (173.19  
4.112.162)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59161 (59161), Dst  
Port: https (443), S  
eq: 7139, Ack: 4281,  
Len: 0

No.	Time
Source	
Destination	
Protocol	Leng
th Info	
51	5.992357000
173.194.112.162	
192.168.2.3	
TLSv1.2	1484
Application Data	

Frame 51: 1484 bytes  
on wire (11872 bits  
, 1484 bytes captur  
ed (11872 bits) on i  
nterface 0  
Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: Wistronl\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 173.19  
4.112.162 (173.194.1  
12.162), Dst: 192.16  
8.2.3 (192.168.2.3)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 14  
70  
Identification:  
0x062a (1578)  
Flags: 0x00  
Fragment offset:  
0  
Time to live: 56  
Protocol: TCP (6

)  
Header checksum:  
0x9600 [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeolIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59161 (59161), S  
eq: 4281, Ack: 7139,  
Len: 1430  
Secure Sockets Layer

No.	Time
Source	
Destination	
Protocol	Leng
th Info	
52	5.993567000
173.194.112.162	
192.168.2.3	
TLSv1.2	1198
Application Data	

Frame 52: 1198 bytes  
on wire (9584 bits)  
, 1198 bytes capture  
d (9584 bits) on int  
erface 0  
Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: Wistronl\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 173.19  
4.112.162 (173.194.1  
12.162), Dst: 192.16  
8.2.3 (192.168.2.3)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 11  
84  
Identification:  
0x062b (1579)  
Flags: 0x00  
Fragment offset:  
0  
Time to live: 56  
Protocol: TCP (6  
)  
Header checksum:



0x971d [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59161 (59161), S  
eq: 5711, Ack: 7139,  
Len: 1144  
Secure Sockets Layer

No.	Time	Source	Destination	Protocol	Leng	th Info
53	5.993590000	192.168.2.3	173.194.112.162	TCP	54	59161 > https [ACK] Seq=7139 Ack=6855 Win=16445 Len=0

Frame 53: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface 0  
Ethernet II, Src: WiStronI\_bb:66:cb (f0:de:f1:bb:66:cb), Dst: Arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed)  
Internet Protocol Version 4, Src: 192.168.2.3 (192.168.2.3), Dst: 173.194.112.162 (173.194.112.162)  
Version: 4  
Header length: 20 bytes  
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))  
Total Length: 40  
Identification: 0x45f6 (17910)  
Flags: 0x02 (Don't Fragment)  
Fragment offset: 0  
Time to live: 128  
Protocol: TCP (6)

Header checksum:  
0x0000 [incorrect,  
should be 0xd3c9 (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False  
]  
[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 173  
.194.112.162 (173.19  
4.112.162)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59161 (59161), Dst  
Port: https (443), S  
eq: 7139, Ack: 6855,  
Len: 0

No.	Time	Source	Destination	Protocol	Leng
54	5.994565000	192.168.2.3	173.194.112.162	TLSv1.2	315
				Application Data	

Frame 54: 315 bytes  
on wire (2520 bits),  
315 bytes captured  
(2520 bits) on inter  
face 0  
Ethernet II, Src: Wi  
stronI\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 173.194.112.16  
2 (173.194.112.162)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 30  
1  
Identification:  
0x45f7 (17911)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0  
Time to live: 12  
8

Protocol: TCP (6  
)  
Header checksum:  
0x0000 [incorrect,  
should be 0xd2c3 (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False  
]  
[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 173  
.194.112.162 (173.19  
4.112.162)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59161 (59161), Dst  
Port: https (443), S  
eq: 7139, Ack: 6855,  
Len: 261  
Secure Sockets Layer

No.	Time	Source	Destination	Protocol	Leng
55	5.994656000	192.168.2.3	173.194.112.162	TLSv1.2	1531
				Application Data	

Frame 55: 1531 bytes  
on wire (12248 bits  
) , 1531 bytes captur  
ed (12248 bits) on i  
nterface 0  
Ethernet II, Src: Wi  
stronI\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 173.194.112.16  
2 (173.194.112.162)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
[Total Length: 1  
517 bytes (reported  
as 0, presumed to be  
because of "TCP seg  
mentation offload" (  
TSO))]  
Identification:

```

0x45f8 (17912)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 128
  Protocol: TCP (6)
  Header checksum: 0x0000 [incorrect, should be 0xd3ef (may be caused by "IP checksum offload"?)]
    [Good: False]
    [Bad: True]
  Source: 192.168.2.3 (192.168.2.3)
  Destination: 173.194.112.162 (173.194.112.162)
    [Source GeoIP: Unknown]
    [Destination GeoIP: Unknown]
  Transmission Control Protocol, Src Port: 59161 (59161), Dst Port: https (443), Seq: 7400, Ack: 6855, Len: 1477
  Secure Sockets Layer

```

```

No.    Time
Source
Destination
Protocol Length
Info
56 6.053927000
173.194.112.162
192.168.2.3
TCP 60
https > 59161 [ACK] Seq=6855 Ack=7400 Win=2759 Len=0

```

```

Frame 56: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface 0
Ethernet II, Src: Arcadyan_02:4b:ed (00:1a:2a:02:4b:ed), Dst: WistronI_bb:66:cb (f0:de:f1:bb:66:cb)
Internet Protocol Version 4, Src: 173.194.112.162 (173.194.112.162), Dst: 192.168.2.3 (192.168.2.3)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT)

```

(Not ECN-Capable Transport))

Total Length: 40  
Identification:  
0x062c (1580)  
Flags: 0x00  
Fragment offset:  
0  
Time to live: 56  
Protocol: TCP (6

)  
Header checksum:  
0x9b94 [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)

Destination: 192  
.168.2.3 (192.168.2.

3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]

Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59161 (59161), S  
eq: 6855, Ack: 7400,  
Len: 0

No. Time  
Source  
Destination  
Protocol Leng  
th Info  
57 6.071387000  
173.194.112.162  
192.168.2.3  
TCP 60  
https > 59161 [AC  
K] Seq=6855 Ack=8830  
Win=2759 Len=0

Frame 57: 60 bytes o  
n wire (480 bits), 6  
0 bytes captured (48  
0 bits) on interface  
0

Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: WistronI\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 173.19  
4.112.162 (173.194.1  
12.162), Dst: 192.16  
8.2.3 (192.168.2.3)

Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))

Total Length: 40  
Identification:  
0x062d (1581)  
Flags: 0x00  
Fragment offset:  
0  
Time to live: 56  
Protocol: TCP (6  
)  
Header checksum:  
0x9b93 [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59161 (59161), S  
eq: 6855, Ack: 8830,  
Len: 0

No.	Time	Source	Destination	Protocol	Leng	th Info
58	6.072536000	173.194.112.162	192.168.2.3	TCP	60	https > 59161 [AC K] Seq=6855 Ack=8877 Win=2759 Len=0

Frame 58: 60 bytes o  
n wire (480 bits), 6  
0 bytes captured (48  
0 bits) on interface  
0  
Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: WistronI\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 173.19  
4.112.162 (173.194.1  
12.162), Dst: 192.16  
8.2.3 (192.168.2.3)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 40  
Identification:

0x062e (1582)  
Flags: 0x00  
Fragment offset:  
0  
Time to live: 56  
Protocol: TCP (6  
)  
Header checksum:  
0x9b92 [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59161 (59161), S  
eq: 6855, Ack: 8877,  
Len: 0

No.	Time	Source	Destination	Protocol	Length
59	6.115687000	173.194.112.162	192.168.2.3	TLSv1.2	123
				Application Data	

Frame 59: 123 bytes  
on wire (984 bits),  
123 bytes captured (  
984 bits) on interfa  
ce 0  
Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: WistronI\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 173.19  
4.112.162 (173.194.1  
12.162), Dst: 192.16  
8.2.3 (192.168.2.3)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 10  
9  
Identification:  
0x062f (1583)  
Flags: 0x00  
Fragment offset:

0  
Time to live: 56  
Protocol: TCP (6  
)  
Header checksum:  
0x9b4c [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59161 (59161), S  
eq: 6855, Ack: 8877,  
Len: 69  
Secure Sockets Layer

No.	Time	Source	Destination	Protocol	Leng
60	6.116441000	173.194.112.162	192.168.2.3	TLSv1.2	519
				Application Data	

Frame 60: 519 bytes  
on wire (4152 bits),  
519 bytes captured  
(4152 bits) on inter  
face 0  
Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: WistronI\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 173.19  
4.112.162 (173.194.1  
12.162), Dst: 192.16  
8.2.3 (192.168.2.3)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 50  
5  
Identification:  
0x0630 (1584)  
Flags: 0x00  
Fragment offset:  
0  
Time to live: 56



Protocol: TCP (6  
)  
Header checksum:  
0x99bf [correct]  
[Good: True]  
[Bad: False]  
Source: 173.194.  
112.162 (173.194.112  
.162)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
https (443), Dst Po  
rt: 59161 (59161), S  
eq: 6924, Ack: 8877,  
Len: 465  
Secure Sockets Layer

No.	Time	Source	Destination	Protocol	Leng	th Info
61	6.116486000	192.168.2.3	173.194.112.162	TCP	54	59161 > https [AC K] Seq=8877 Ack=7389 Win=16311 Len=0

Frame 61: 54 bytes o  
n wire (432 bits), 5  
4 bytes captured (43  
2 bits) on interface  
0  
Ethernet II, Src: Wi  
stronl\_bb:66:cb (f0:  
de:f1:bb:66:cb), Dst  
: Arcadyan\_02:4b:ed  
(00:1a:2a:02:4b:ed)  
Internet Protocol Ve  
rsion 4, Src: 192.16  
8.2.3 (192.168.2.3),  
Dst: 173.194.112.16  
2 (173.194.112.162)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 40  
Identification:  
0x45fa (17914)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0  
Time to live: 12

8 Protocol: TCP (6  
)  
Header checksum:  
0x0000 [incorrect,  
should be 0xd3c5 (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False  
]  
[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 173  
.194.112.162 (173.19  
4.112.162)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59161 (59161), Dst  
Port: https (443), S  
eq: 8877, Ack: 7389,  
Len: 0

No.	Time	Source	Destination	Protocol	Leng
62	6.242752000	IntelCor_05:3f:2a	Broadcast	ARP	60
Who has 192.168.2 .150? Tell 192.168. 2.6					

Frame 62: 60 bytes o  
n wire (480 bits), 6  
0 bytes captured (48  
0 bits) on interface  
0  
Ethernet II, Src: In  
telCor\_05:3f:2a (00:  
1e:65:05:3f:2a), Dst  
: Broadcast (ff:ff:f  
f:ff:ff:ff)  
Address Resolution P  
rotocol (request)

No.	Time	Source	Destination	Protocol	Leng
63	6.265276000	fe80::2ca8:10df:2 a1b:ff39	ff02::1:ff4 d:2fe3	ICMPv6	86
Neighbor Soli citation for fe80::3 a59:f9ff:fe4d:2fe3 f rom 00:1e:65:05:3f:2 a					

Frame 63: 86 bytes o

n wire (688 bits), 8  
6 bytes captured (68  
8 bits) on interface  
0  
Ethernet II, Src: In  
telCor\_05:3f:2a (00:  
1e:65:05:3f:2a), Dst  
: IPv6mcast\_ff:4d:2f  
:e3 (33:33:ff:4d:2f:  
e3)  
Internet Protocol Ve  
rsion 6, Src: fe80::  
2ca8:10df:2a1b:ff39  
(fe80::2ca8:10df:2a1  
b:ff39), Dst: ff02::  
1:ff4d:2fe3 (ff02::1  
:ff4d:2fe3)  
Internet Control Mes  
sage Protocol v6

No.	Time	Source	Destination	Protocol	Leng
64	6.765082000	IntelCor_05:3f:2a	Broadcast	ARP	60
Who has 192.168.2 .150? Tell 192.168. 2.6					

Frame 64: 60 bytes o  
n wire (480 bits), 6  
0 bytes captured (48  
0 bits) on interface  
0  
Ethernet II, Src: In  
telCor\_05:3f:2a (00:  
1e:65:05:3f:2a), Dst  
: Broadcast (ff:ff:f  
f:ff:ff:ff)  
Address Resolution P  
rotocol (request)

No.	Time	Source	Destination	Protocol	Leng
65	7.469368000	fe80::2ca8:10df:2 a1b:ff39	ff02::1:ff4 d:2fe3	ICMPv6	86
Neighbor Soli citation for fe80::3 a59:f9ff:fe4d:2fe3 f rom 00:1e:65:05:3f:2 a					

Frame 65: 86 bytes o  
n wire (688 bits), 8  
6 bytes captured (68  
8 bits) on interface  
0  
Ethernet II, Src: In  
telCor\_05:3f:2a (00:  
1e:65:05:3f:2a), Dst

: IPv6mcast\_ff:4d:2f  
:e3 (33:33:ff:4d:2f:  
e3)  
Internet Protocol Ve  
rsion 6, Src: fe80::  
2ca8:10df:2a1b:ff39  
(fe80::2ca8:10df:2a1  
b:ff39), Dst: ff02::1  
1:ff4d:2fe3 (ff02::1  
:ff4d:2fe3)  
Internet Control Mes  
sage Protocol v6

No.	Time	Source	Destination	Protocol	Leng
66	7.765147000	IntelCor_05:3f:2a	Broadcast	ARP	60
Who has 192.168.2 .150? Tell 192.168. 2.6					

Frame 66: 60 bytes o  
n wire (480 bits), 6  
0 bytes captured (48  
0 bits) on interface  
0  
Ethernet II, Src: In  
telCor\_05:3f:2a (00:  
1e:65:05:3f:2a), Dst  
: Broadcast (ff:ff:f  
f:ff:ff:ff)  
Address Resolution P  
rotocol (request)

No.	Time	Source	Destination	Protocol	Leng
67	8.265298000	fe80::2ca8:10df:2 a1b:ff39	ff02::1:ff4 d:2fe3	ICMPv6	86
Neighbor Soli citation for fe80::3 a59:f9ff:fe4d:2fe3 f rom 00:1e:65:05:3f:2 a					

Frame 67: 86 bytes o  
n wire (688 bits), 8  
6 bytes captured (68  
8 bits) on interface  
0  
Ethernet II, Src: In  
telCor\_05:3f:2a (00:  
1e:65:05:3f:2a), Dst  
: IPv6mcast\_ff:4d:2f  
:e3 (33:33:ff:4d:2f:  
e3)  
Internet Protocol Ve  
rsion 6, Src: fe80::  
2ca8:10df:2a1b:ff39  
(fe80::2ca8:10df:2a1

b:ff39), Dst: ff02::1  
1:ff4d:2fe3 (ff02::1  
:ff4d:2fe3)  
Internet Control Mes  
sage Protocol v6

No. Time  
Source  
Destination  
Protocol Leng  
th Info  
68 8.804528000  
128.119.245.12  
192.168.2.3  
TCP 66  
[TCP Retransmissi  
on] http > 59570 [SY  
N, ACK] Seq=0 Ack=1  
Win=5840 Len=0 MSS=1  
452 SACK\_PERM=1 WS=1  
28

Frame 68: 66 bytes o  
n wire (528 bits), 6  
6 bytes captured (52  
8 bits) on interface  
0  
Ethernet II, Src: Ar  
cadyan\_02:4b:ed (00:  
1a:2a:02:4b:ed), Dst  
: Wistronl\_bb:66:cb  
(f0:de:f1:bb:66:cb)  
Internet Protocol Ve  
rsion 4, Src: 128.11  
9.245.12 (128.119.24  
5.12), Dst: 192.168.  
2.3 (192.168.2.3)  
Version: 4  
Header length: 2  
0 bytes  
Differentiated S  
ervices Field: 0x00  
(DSCP 0x00: Default;  
ECN: 0x00: Not-ECT  
(Not ECN-Capable Tra  
nsport))  
Total Length: 52  
Identification:  
0x0000 (0)  
Flags: 0x02 (Don  
't Fragment)  
Fragment offset:  
0  
Time to live: 50  
Protocol: TCP (6  
)  
Header checksum:  
0x1095 [correct]  
[Good: True]  
[Bad: False]  
Source: 128.119.  
245.12 (128.119.245.  
12)  
Destination: 192  
.168.2.3 (192.168.2.  
3)  
[Source GeoIP: U  
nknown]  
[Destination Geo

IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
http (80), Dst Port  
: 59570 (59570), Seq  
: 0, Ack: 1, Len: 0

No.	Time	Source	Destination	Protocol	Leng	th Info
69	8.804568000	192.168.2.3	128.119.245.12	TCP	66	[TCP Dup ACK 24#1 ] 59570 > http [ACK] Seq=1 Ack=1 Win=667 92 Len=0 SLE=0 SRE=1

Frame 69: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0  
Ethernet II, Src: WiStronI\_bb:66:cb (f0:de:f1:bb:66:cb), Dst: Arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed)  
Internet Protocol Version 4, Src: 192.168.2.3 (192.168.2.3), Dst: 128.119.245.12 (128.119.245.12)  
Version: 4  
Header length: 20 bytes  
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))  
Total Length: 52  
Identification: 0x45fb (17915)  
Flags: 0x02 (Don't Fragment)  
Fragment offset: 0  
Time to live: 128  
Protocol: TCP (6)  
Header checksum: 0x0000 [incorrect, should be 0x7c99 (may be caused by "IP checksum offload"?)]  
[Good: False]  
[Bad: True]  
Source: 192.168.2.3 (192.168.2.3)  
Destination: 128.119.245.12 (128.119.245.12)

[Source GeoIP: Unknown]  
[Destination GeoIP: Unknown]  
Transmission Control Protocol, Src Port: 59570 (59570), Dst Port: http (80), Seq: 1, Ack: 1, Len: 0

No.	Time	Source	Destination	Protocol	Leng	th Info
70	9.265278000	fe80::2ca8:10df:2a1b:ff39	ff02::1:ff4d:2fe3	ICMPv6	86	Neighbor Solicitation for fe80::3a59:f9ff:fe4d:2fe3 from 00:1e:65:05:3f:2a

Frame 70: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 0

Ethernet II, Src: IntelCor\_05:3f:2a (00:1e:65:05:3f:2a), Dst: IPv6mcast\_ff:4d:2fe3 (33:33:ff:4d:2fe3)

Internet Protocol Version 6, Src: fe80::2ca8:10df:2a1b:ff39 (fe80::2ca8:10df:2a1b:ff39), Dst: ff02::1:ff4d:2fe3 (ff02::1:ff4d:2fe3)

Internet Control Message Protocol v6

No.	Time	Source	Destination	Protocol	Leng	th Info
71	9.487198000	Arcadyan_02:4b:ed	Wistronl_bb:66:cb	ARP	60	Who has 192.168.2.3? Tell 192.168.2.1

Frame 71: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface 0

Ethernet II, Src: Arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed), Dst: Wistronl\_bb:66:cb (f0:de:f1:bb:66:cb)

Address Resolution P  
rotocol (request)

No.	Time	Source	Destination	Protocol	Leng
72	9.487240000	WistronI_bb:66:cb	Arcadyan_02:4b:ed	ARP	42
192.168.2.3 is at f0:de:f1:bb:66:cb					

Frame 72: 42 bytes on wire (336 bits), 42 bytes captured (336 bits) on interface 0  
Ethernet II, Src: WistronI\_bb:66:cb (f0:de:f1:bb:66:cb), Dst: Arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed)  
Address Resolution Protocol (reply)

No.	Time	Source	Destination	Protocol	Leng
73	10.534898000	192.168.2.3	64.15.117.181	SSL	55
Continuation Data					

Frame 73: 55 bytes on wire (440 bits), 55 bytes captured (440 bits) on interface 0  
Ethernet II, Src: WistronI\_bb:66:cb (f0:de:f1:bb:66:cb), Dst: Arcadyan\_02:4b:ed (00:1a:2a:02:4b:ed)  
Internet Protocol Version 4, Src: 192.168.2.3 (192.168.2.3), Dst: 64.15.117.181 (64.15.117.181)  
Version: 4  
Header length: 20 bytes  
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))  
Total Length: 41  
Identification: 0x45fc (17916)  
Flags: 0x02 (Don't Fragment)  
Fragment offset:



0  
Time to live: 12  
8  
Protocol: TCP (6  
)  
Header checksum:  
0x0000 [incorrect,  
should be 0x3c63 (ma  
y be caused by "IP c  
hecksum offload"?)]  
[Good: False  
]  
[Bad: True]  
Source: 192.168.  
2.3 (192.168.2.3)  
Destination: 64.  
15.117.181 (64.15.11  
7.181)  
[Source GeoIP: U  
nknown]  
[Destination Geo  
IP: Unknown]  
Transmission Control  
Protocol, Src Port:  
59544 (59544), Dst  
Port: https (443), S  
eq: 1, Ack: 1, Len:  
1  
Secure Sockets Layer