

**Instituto Tecnológico de Cancún**

**Ingeniería en Sistemas Computacionales**

**Fundamentos de Telecomunicaciones**

**Lab 1 use packets to build a picture of a  
network**

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**Alumno: Uc Uc César Enrique**

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	fe80::201:5cfff:fe31...	ff02::1	ICMPv6	134	Router Advertisement
2	0.000992	Cadant_31:bb:c1	Broadcast	ARP	60	Who has 24.6.175.56? Tell 24.6.168.1
3	9.717926	24.6.173.220	216.168.252.157	TCP	66	41865 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
4	9.734274	216.168.252.157	24.6.173.220	TCP	66	80 → 41865 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK_PERM=1 WS=128
5	9.734426	24.6.173.220	216.168.252.157	TCP	54	41865 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
6	11.263753	24.6.173.220	255.255.255.255	DB-LSP..	152	Droptoo LAN sync Discovery Protocol
7	40.227453	24.6.169.43	199.59.150.9	TCP	66	58403 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
8	40.298138	199.59.150.9	24.6.169.43	TCP	66	80 → 58403 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK_PERM=1 WS=256
9	40.298944	24.6.169.43	199.59.150.9	TCP	60	58403 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
10	42.791267	24.6.169.43	107.21.109.41	TCP	66	58405 → 443 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
11	42.883549	107.21.109.41	24.6.169.43	TCP	66	443 → 58405 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK_PERM=1 WS=256
12	42.884357	24.6.169.43	107.21.109.41	TCP	60	58405 → 443 [ACK] Seq=1 Ack=1 Win=65700 Len=0

> Frame 2: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface \Device\NPF\_{6E79FECB-FF79-4978-96E4-EEFF30A9B9F}, id 0  
 Ethernet II, Src: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1), Dst: Broadcast (ff:ff:ff:ff:ff:ff)  
     > Destination: Broadcast (ff:ff:ff:ff:ff:ff)  
         > Source: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1)  
             Type: ARP (0x0806)  
             Padding: 00  
     > Address Resolution Protocol (request)

```

0000 ff ff ff ff ff ff 00 01 5c 31 bb c1 08 06 00 01 ..... \1.....
0010 08 00 04 00 01 00 01 5c 31 bb c1 18 0e a8 01 ..... \1.....
0020 00 00 00 00 00 18 0e af 38 00 00 00 00 00 ..... :8.....
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 ..... .....
```

Frame (frame), 60 byte(s)
Packets: 12 · Mostrado: 12 (100.0%)
Perfi: Defau

Frame 3

No.

^

Time

Source

Destination

Protocol

Length

Info

1

0.000000

fe80::201:5cff:fe31...

ff02::1

ICMPv6

134

Router Advertisement

2

0.000902

Cadant\_31:bb:c1

Broadcast

ARP

60

Who has 24.6.175.56? Tell 24.6.168.1

3

9.717926

24.6.173.220

216.168.252.157

TCP

66

41865 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK\_PERM=1

4

9.734274

216.168.252.157

24.6.173.220

TCP

66

80 → 41865 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK\_PERM=1 WS=128

5

9.734426

24.6.173.220

216.168.252.157

TCP

54

41865 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0

6

11.263753

24.6.173.220

255.255.255.255

DB-LSP...

152

Dropbox LAN sync Discovery Protocol

7

40.277453

24.6.169.43

199.59.150.9

TCP

66

58403 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK\_PERM=1

8

40.298138

199.59.150.9

24.6.169.43

TCP

66

80 → 58403 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK\_PERM=1 WS=256

9

40.298944

24.6.169.43

199.59.150.9

TCP

60

58403 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0

10

42.791267

24.6.169.43

107.21.109.41

TCP

66

58405 → 443 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK\_PERM=1

11

42.883549

107.21.109.41

24.6.169.43

TCP

66

443 → 58405 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK\_PERM=1 WS=256

12

42.884357

24.6.169.43

107.21.109.41

TCP

60

58405 → 443 [ACK] Seq=1 Ack=1 Win=65700 Len=0

> Frame 3: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface \Device\NPF\_{6E79FEC0-FF79-4970-96E4-EEFF300A9B9F}, id 0

> Ethernet II, Src: HewlettP\_a7:bf:a3 (d4:85:64:a7:bf:a3), Dst: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1)

> Destination: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1)

> Source: HewlettP\_a7:bf:a3 (d4:85:64:a7:bf:a3)

> Type: IPv4 (0x0800)

> Internet Protocol Version 4, Src: 24.6.173.220, Dst: 216.168.252.157

> Transmission Control Protocol, Src Port: 41865, Dst Port: 80, Seq: 0, Len: 0

0000 00 01 5c 31 bb c1 d4 85 64 a7 bf a3 00 00 45 00 ..\1....d.....E

0010 00 34 24 00 40 00 00 06 00 00 18 06 ad dc d8 a8 4\$ @.1. ....

0020 fc 9d a3 09 00 50 13 b9 fb cd 00 00 00 00 00 02 ....P.....

0030 20 00 9b 4f 00 00 02 04 05 b4 01 03 02 01 01 ..0.....

0040 04 02 ..

Frame (frame), 66 byte(s)

Paquetes: 12 · Mostrado: 12 (100.0%)

Perfi: Default

Frame 4

No.

^

Time

Source

Destination

Protocol

Length

Info

1

0.000000

fe80::201:5cff:fe31...

ff02::1

ICMPv6

134

Router Advertisement

2

0.000902

Cadant\_31:bb:c1

Broadcast

ARP

60

Who has 24.6.175.56? Tell 24.6.168.1

3

9.717926

24.6.173.220

216.168.252.157

TCP

66

41865 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK\_PERM=1

4

9.734274

216.168.252.157

24.6.173.220

TCP

66

80 → 41865 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK\_PERM=1 WS=128

5

9.734426

24.6.173.220

216.168.252.157

TCP

54

41865 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0

6

11.263753

24.6.173.220

255.255.255.255

DB-LSP...

152

Dropbox LAN sync Discovery Protocol

7

40.277453

24.6.169.43

199.59.150.9

TCP

66

58403 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK\_PERM=1

8

40.298138

199.59.150.9

24.6.169.43

TCP

66

80 → 58403 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK\_PERM=1 WS=256

9

40.298944

24.6.169.43

199.59.150.9

TCP

60

58403 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0

10

42.791267

24.6.169.43

107.21.109.41

TCP

66

58405 → 443 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK\_PERM=1

11

42.883549

107.21.109.41

24.6.169.43

TCP

66

443 → 58405 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK\_PERM=1 WS=256

12

42.884357

24.6.169.43

107.21.109.41

TCP

60

58405 → 443 [ACK] Seq=1 Ack=1 Win=65700 Len=0

> Frame 4: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface \Device\NPF\_{6E79FEC0-FF79-4970-96E4-EEFF300A9B9F}, id 0

> Ethernet II, Src: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1), Dst: HewlettP\_a7:bf:a3 (d4:85:64:a7:bf:a3)

> Destination: HewlettP\_a7:bf:a3 (d4:85:64:a7:bf:a3)

> Source: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1)

> Type: IPv4 (0x0800)

> Internet Protocol Version 4, Src: 216.168.252.157, Dst: 24.6.173.220

> Transmission Control Protocol, Src Port: 80, Dst Port: 41865, Seq: 0, Ack: 1, Len: 0

0000 d4 85 64 a7 bf a3 00 01 5c 31 bb c1 00 00 45 20 ..d.....\1....E

0010 00 34 00 00 40 00 31 06 ae 7b d8 a8 fc 9d 18 06 4 @.1. ....

0020 ad dc 00 50 a3 09 52 cd 38 90 13 b9 fb ce 00 12 ..P..R..B.....

0030 16 d0 7e 49 00 00 02 04 05 b4 01 01 04 02 01 03 ...I.....

0040 03 07 ..

Frame (frame), 66 byte(s)

Paquetes: 12 · Mostrado: 12 (100.0%)

Perfi: Default

Frame 5

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	fe80::201:5cfff:fe31...	ff02::1	ICMPv6	134	Router Advertisement
2	0.000992	Cadant_31:bb:c1	Broadcast	ARP	60	Who has 24.6.175.56? Tell 24.6.168.1
3	9.717926	24.6.173.220	216.168.252.157	TCP	66	41865 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
4	9.734274	216.168.252.157	24.6.173.220	TCP	66	80 → 41865 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK_PERM=1 WS=128
5	9.734426	24.6.173.220	216.168.252.157	TCP	54	41865 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
6	11.263753	24.6.173.220	255.255.255.255	DB-LSP...	152	Dropbox LAN sync Discovery Protocol
7	40.277453	24.6.169.43	199.59.150.9	TCP	66	58403 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
8	40.298138	199.59.150.9	24.6.169.43	TCP	66	80 → 58403 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK_PERM=1 WS=256
9	40.298944	24.6.169.43	199.59.150.9	TCP	60	58403 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
10	42.791267	24.6.169.43	107.21.109.41	TCP	66	58405 → 443 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
11	42.883549	107.21.109.41	24.6.169.43	TCP	66	443 → 58405 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK_PERM=1 WS=256
12	42.884357	24.6.169.43	107.21.109.41	TCP	60	58405 → 443 [ACK] Seq=1 Ack=1 Win=65700 Len=0

  

> Frame 5: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface \Device\NPF\_{6E79FEC0-FF79-4970-96E4-EEFF300A9B9F}, id 0

▼ Ethernet II, Src: HewlettP\_a7:bf:a3 (d4:85:64:a7:bf:a3), Dst: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1)

Destination: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1)
Source: HewlettP\_a7:bf:a3 (d4:85:64:a7:bf:a3)
Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 24.6.173.220, Dst: 216.168.252.157
Transmission Control Protocol, Src Port: 41865, Dst Port: 80, Seq: 1, Ack: 1, Len: 0

  

0000 00 01 5c 31 bb c1 d4 85 64 a7 bf a3 08 00 45 00 ..\....d....E.
0010 00 28 24 0c 40 00 06 00 00 18 06 ad dc ff ff ..\$@....P.....
0020 fc 9d a3 89 00 50 13 b9 fb ce 52 cd 38 91 50 10 .....P...R-8-P-
0030 40 29 9b 43 00 00 @.C...

Frame (Frame), 54byte(s)
Paquetes: 12 · Mostrado: 12 (100.0%)
Perfil: Default

Frame 6

1	0.000000	fe80::201:5cfff:fe31...	ff02::1	ICMPv6	134	Router Advertisement
2	0.000992	Cadant_31:bb:c1	Broadcast	ARP	60	Who has 24.6.175.56? Tell 24.6.168.1
3	9.717926	24.6.173.220	216.168.252.157	TCP	66	41865 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
4	9.734274	216.168.252.157	24.6.173.220	TCP	66	80 → 41865 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK_PERM=1 WS=128
5	9.734426	24.6.173.220	216.168.252.157	TCP	54	41865 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
6	11.263753	24.6.173.220	255.255.255.255	DB-LSP...	152	Dropbox LAN sync Discovery Protocol
7	40.277453	24.6.169.43	199.59.150.9	TCP	66	58403 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
8	40.298138	199.59.150.9	24.6.169.43	TCP	66	80 → 58403 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK_PERM=1 WS=256
9	40.298944	24.6.169.43	199.59.150.9	TCP	60	58403 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
10	42.791267	24.6.169.43	107.21.109.41	TCP	66	58405 → 443 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
11	42.883549	107.21.109.41	24.6.169.43	TCP	66	443 → 58405 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK_PERM=1 WS=256
12	42.884357	24.6.169.43	107.21.109.41	TCP	60	58405 → 443 [ACK] Seq=1 Ack=1 Win=65700 Len=0

  

> Frame 6: 152 bytes on wire (1216 bits), 152 bytes captured (1216 bits) on interface \Device\NPF\_{6E79FEC0-FF79-4970-96E4-EEFF300A9B9F}, id 0

▼ Ethernet II, Src: HewlettP\_a7:bf:a3 (d4:85:64:a7:bf:a3), Dst: Broadcast (ff:ff:ff:ff:ff:ff)

Destination: Broadcast (ff:ff:ff:ff:ff:ff)
Source: HewlettP\_a7:bf:a3 (d4:85:64:a7:bf:a3)
Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 24.6.173.220, Dst: 255.255.255.255
User Datagram Protocol, Src Port: 17500, Dst Port: 17500
Dropbox LAN sync Discovery Protocol

  

0000 ff ff ff ff ff ff d4 85 64 a7 bf a3 08 00 45 00 .....d....E.
0010 00 5a 24 43 00 00 11 50 3e 18 06 ad dc ff ff ..\$C...P.....
0020 ff ff 44 5c 44 5c 00 76 c6 69 7b 22 68 6f 73 74 ..D\.\v-i["host
0030 5f 69 6e 74 22 3a 20 33 36 34 32 35 36 33 30 37 \_int": 3 64256307
0040 2c 20 22 76 65 72 73 69 6f 6e 22 3a 20 5b 31 2c , "versi on": [1,
0050 20 38 5d 2c 20 22 64 69 73 70 6c 61 79 6e 61 6d 8], "di splaynam
0060 65 22 3a 20 22 33 36 34 32 35 36 33 30 37 22 2c e": "364 256307",
0070 20 22 70 6f 72 74 22 3a 20 31 37 35 30 30 2c 20 "port": 17500,
0080 22 6e 61 6d 65 73 70 61 63 65 73 22 3a 20 5b 33 "namespa ces": [3
0090 31 38 35 38 33 34 5d 7d 185834]}

## Frame 7

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	fe80::201:5cfff:fe31...	ff02::1	ICMPv6	134	Router Advertisement
2	0.000902	Cadant_31:bb:c1	Broadcast	ARP	60	Who has 24.6.175.56? Tell 24.6.168.1
3	9.717926	24.6.173.220	216.168.252.157	TCP	66	41865 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
4	9.734274	216.168.252.157	24.6.173.220	TCP	66	80 → 41865 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK_PERM=1 WS=128
5	9.734426	24.6.173.220	216.168.252.157	TCP	54	41865 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
6	11.263753	24.6.173.220	255.255.255.255	DB-LSP...	152	Dropbox LAN sync Discovery Protocol
7	40.277453	24.6.169.43	199.59.150.9	TCP	66	58403 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
8	40.298138	199.59.150.9	24.6.169.43	TCP	66	80 → 58403 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK_PERM=1 WS=256
9	40.298944	24.6.169.43	199.59.150.9	TCP	60	58403 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
10	42.791267	24.6.169.43	107.21.109.41	TCP	66	58405 → 443 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
11	42.883549	107.21.109.41	24.6.169.43	TCP	66	443 → 58405 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK_PERM=1 WS=256
12	42.884357	24.6.169.43	107.21.109.41	TCP	60	58405 → 443 [ACK] Seq=1 Ack=1 Win=65700 Len=0

> Frame 7: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface \Device\NPF\_{6E79FEC0-FF79-4970-96E4-EEFF300A9B9F}, id 0

▼ Ethernet II, Src: ASUSTekC\_19:9e:19 (c8:60:00:19:9e:19), Dst: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1)

> Destination: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1)

> Source: ASUSTekC\_19:9e:19 (c8:60:00:19:9e:19)

Type: IPv4 (0x0800)

> Internet Protocol Version 4, Src: 24.6.169.43, Dst: 199.59.150.9

> Transmission Control Protocol, Src Port: 58403, Dst Port: 80, Seq: 0, Len: 0

0000 00 01 5c 31 bb c1 c8 60 00 19 9e 19 00 00 45 00 ..\1....E.  
0010 00 34 05 a0 40 00 00 06 d6 ad 18 06 a9 2b c7 3b .4.:@...+;  
0020 96 09 e4 23 00 50 f6 f6 23 2f 00 00 00 00 00 02 ...#P.#/.....  
0030 20 00 32 06 00 00 02 04 05 b4 01 03 03 02 01 01 .2.....  
0040 04 02 ..

Frame (frame), 66 byte(s) Paquetes: 12 · Mostrado: 12 (100.0%) Perfil: Default

## Frame 8

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	fe80::201:5cfff:fe31...	ff02::1	ICMPv6	134	Router Advertisement
2	0.000902	Cadant_31:bb:c1	Broadcast	ARP	60	Who has 24.6.175.56? Tell 24.6.168.1
3	9.717926	24.6.173.220	216.168.252.157	TCP	66	41865 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
4	9.734274	216.168.252.157	24.6.173.220	TCP	66	80 → 41865 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK_PERM=1 WS=128
5	9.734426	24.6.173.220	216.168.252.157	TCP	54	41865 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
6	11.263753	24.6.173.220	255.255.255.255	DB-LSP...	152	Dropbox LAN sync Discovery Protocol
7	40.277453	24.6.169.43	199.59.150.9	TCP	66	58403 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
8	40.298138	199.59.150.9	24.6.169.43	TCP	66	80 → 58403 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK_PERM=1 WS=256
9	40.298944	24.6.169.43	199.59.150.9	TCP	60	58403 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
10	42.791267	24.6.169.43	107.21.109.41	TCP	66	58405 → 443 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
11	42.883549	107.21.109.41	24.6.169.43	TCP	66	443 → 58405 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK_PERM=1 WS=256
12	42.884357	24.6.169.43	107.21.109.41	TCP	60	58405 → 443 [ACK] Seq=1 Ack=1 Win=65700 Len=0

> Frame 8: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface \Device\NPF\_{6E79FEC0-FF79-4970-96E4-EEFF300A9B9F}, id 0

▼ Ethernet II, Src: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1), Dst: ASUSTekC\_19:9e:19 (c8:60:00:19:9e:19)

> Destination: ASUSTekC\_19:9e:19 (c8:60:00:19:9e:19)

> Source: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1)

Type: IPv4 (0x0800)

> Internet Protocol Version 4, Src: 199.59.150.9, Dst: 24.6.169.43

> Transmission Control Protocol, Src Port: 80, Dst Port: 58403, Seq: 0, Ack: 1, Len: 0

0000 c8 60 00 19 9e 19 00 01 5c 31 bb c1 00 00 45 20 ..... \1....E  
0010 00 34 00 00 40 00 32 06 2a 2a c7 3b 96 09 18 06 .4.:@.2.\*.;....  
0020 a9 2b 00 50 e4 23 da 86 5d d4 f6 f6 23 30 80 12 .+P.#:..]...#..  
0030 39 08 e0 8b 00 00 02 04 05 b4 01 01 04 02 01 03 9.....  
0040 03 08 ..

Frame (frame), 66 byte(s) Paquetes: 12 · Mostrado: 12 (100.0%) Perfil: Default

Frame 9

No.

Time

Source

Destination

Protocol

Length

Info

1

0.000000

fe80::201:5cfff:fe31...

ff02::1

ICMPv6

134

Router Advertisement

2

0.000992

Cadant\_31:bb:c1

Broadcast

ARP

60

Who has 24.6.175.56? Tell 24.6.168.1

3

9.717926

24.6.173.220

216.168.252.157

TCP

66

41865 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK\_PERM=1

4

9.734274

216.168.252.157

24.6.173.220

TCP

66

80 → 41865 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK\_PERM=1 WS=128

5

9.734426

24.6.173.220

216.168.252.157

TCP

54

41865 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0

6

11.263753

24.6.173.220

255.255.255.255

DB-LSP...

152

Dropbox LAN sync Discovery Protocol

7

40.277453

24.6.169.43

199.59.150.9

TCP

66

58403 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK\_PERM=1

8

40.298138

199.59.150.9

24.6.169.43

TCP

66

80 → 58403 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK\_PERM=1 WS=256

9

40.298944

24.6.169.43

199.59.150.9

TCP

60

58403 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0

10

42.791267

24.6.169.43

107.21.109.41

TCP

66

58405 → 443 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK\_PERM=1

11

42.883549

107.21.109.41

24.6.169.43

TCP

66

443 → 58405 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK\_PERM=1 WS=256

12

42.884357

24.6.169.43

107.21.109.41

TCP

60

58405 → 443 [ACK] Seq=1 Ack=1 Win=65700 Len=0

> Frame 9: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface \Device\NPF\_{6E79FEC0-FF79-4970-96E4-EEFF300A9B9F}, id 0

> Ethernet II, Src: ASUSTekC\_19:9e:19 (c8:60:00:19:9e:19), Dst: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1)

> Destination: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1)

> Source: ASUSTekC\_19:9e:19 (c8:60:00:19:9e:19)

> Type: IPv4 (0x0800)

> Padding: 000000000000

> Internet Protocol Version 4, Src: 24.6.169.43, Dst: 199.59.150.9

> Transmission Control Protocol, Src Port: 58403, Dst Port: 80, Seq: 1, Ack: 1, Len: 0

0000 00 01 5c 31 bb c1 c8 60 00 19 9e 19 00 00 45 00 ..\1... ..E.

0010 00 28 05 a2 40 00 80 06 d6 b7 18 06 a9 2b c7 3b (:.@... ..+;

0020 96 09 e4 23 00 50 f6 f6 23 30 da 86 5d 05 50 10 ..#p.#0..].P.

0030 40 29 1a 5e 00 00 00 00 00 00 00 00 ..@>.... ..

Frame (frame), 60 byte(s)

Paquetes: 12 - Mostrado: 12 (100.0%)

Perfil: Default

Frame 10

No.

Time

Source

Destination

Protocol

Length

Info

1

0.000000

fe80::201:5cfff:fe31...

ff02::1

ICMPv6

134

Router Advertisement

2

0.000992

Cadant\_31:bb:c1

Broadcast

ARP

60

Who has 24.6.175.56? Tell 24.6.168.1

3

9.717926

24.6.173.220

216.168.252.157

TCP

66

41865 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK\_PERM=1

4

9.734274

216.168.252.157

24.6.173.220

TCP

66

80 → 41865 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK\_PERM=1 WS=128

5

9.734426

24.6.173.220

216.168.252.157

TCP

54

41865 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0

6

11.263753

24.6.173.220

255.255.255.255

DB-LSP...

152

Dropbox LAN sync Discovery Protocol

7

40.277453

24.6.169.43

199.59.150.9

TCP

66

58403 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK\_PERM=1

8

40.298138

199.59.150.9

24.6.169.43

TCP

66

80 → 58403 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK\_PERM=1 WS=256

9

40.298944

24.6.169.43

199.59.150.9

TCP

60

58403 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0

10

42.791267

24.6.169.43

107.21.109.41

TCP

66

58405 → 443 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK\_PERM=1

11

42.883549

107.21.109.41

24.6.169.43

TCP

66

443 → 58405 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK\_PERM=1 WS=256

12

42.884357

24.6.169.43

107.21.109.41

TCP

60

58405 → 443 [ACK] Seq=1 Ack=1 Win=65700 Len=0

> Frame 10: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface \Device\NPF\_{6E79FEC0-FF79-4970-96E4-EEFF300A9B9F}, id 0

> Ethernet II, Src: ASUSTekC\_19:9e:19 (c8:60:00:19:9e:19), Dst: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1)

> Destination: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1)

> Source: ASUSTekC\_19:9e:19 (c8:60:00:19:9e:19)

> Type: IPv4 (0x0800)

> Internet Protocol Version 4, Src: 24.6.169.43, Dst: 107.21.109.41

> Transmission Control Protocol, Src Port: 58405, Dst Port: 443, Seq: 0, Len: 0

0000 00 01 5c 31 bb c1 c8 60 00 19 9e 19 00 00 45 00 ..\1... ..E.

0010 00 34 06 15 40 00 80 06 5b 3f 18 06 a9 2b 6b 15 .4:@... [?..+k.

0020 6d 29 e4 25 01 bb 28 04 7c 5e 00 00 00 00 02 m)%':. ]^.....

0030 20 00 2b 63 00 00 02 04 05 b4 01 03 03 02 01 01 ..c.....

0040 04 02 ..

general101.pcapng

Paquetes: 12 - Mostrado: 12 (100.0%)

Perfil: Default

## Frame 11

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	fe80::201:5cff:fe31...	ff02::1	ICMPv6	134	Router Advertisement
2	0.000992	Cadant_31:bb:c1	Broadcast	ARP	60	Who has 24.6.175.56? Tell 24.6.168.1
3	9.717926	24.6.173.220	216.168.252.157	TCP	66	41865 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
4	9.734274	216.168.252.157	24.6.173.220	TCP	66	80 → 41865 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK_PERM=1 WS=128
5	9.734426	24.6.173.220	216.168.252.157	TCP	54	41865 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
6	11.263753	24.6.173.220	255.255.255.255	DB-LSP...	152	Dropbox LAN sync Discovery Protocol
7	40.277453	24.6.169.43	199.59.150.9	TCP	66	58403 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
8	40.298138	199.59.150.9	24.6.169.43	TCP	66	80 → 58403 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK_PERM=1 WS=256
9	40.298944	24.6.169.43	199.59.150.9	TCP	60	58403 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
10	42.791267	24.6.169.43	107.21.109.41	TCP	66	58405 → 443 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
11	42.883549	107.21.109.41	24.6.169.43	TCP	66	443 → 58405 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK_PERM=1 WS=256
12	42.884357	24.6.169.43	107.21.109.41	TCP	60	58405 → 443 [ACK] Seq=1 Ack=1 Win=65700 Len=0

> Frame 11: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface \Device\NPF\_{6E79FEC0-FF79-4970-96E4-EFFF300A9B9F}, id 0

▼ Ethernet II, Src: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1), Dst: ASUSTekC\_19:9e:19 (c8:60:00:19:9e:19)

> Destination: ASUSTekC\_19:9e:19 (c8:60:00:19:9e:19)

> Source: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1)

Type: IPv4 (0x0800)

> Internet Protocol Version 4, Src: 107.21.109.41, Dst: 24.6.169.43

> Transmission Control Protocol, Src Port: 443, Dst Port: 58405, Seq: 0, Ack: 1, Len: 0

0000 c8 60 00 19 9e 19 00 01 5c 31 bb c1 08 00 45 20 ..... \1....E  
0010 00 34 00 00 40 00 27 06 ba 34 6b 15 6d 29 18 06 .4.@...4k m)..  
0020 a9 2b 01 bb e4 25 b4 9b db 74 28 04 7c 5f 80 12 +...%...t( | \_..  
0030 39 08 62 33 00 00 02 04 05 b4 01 01 04 02 01 03 9 3 .....  
0040 03 08 ..

Frame (frame), 66 byte(s) Paquetes: 12 · Mostrado: 12 (100.0%) Perfi: Default

## Frame 12

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	fe80::201:5cff:fe31...	ff02::1	ICMPv6	134	Router Advertisement
2	0.000992	Cadant_31:bb:c1	Broadcast	ARP	60	Who has 24.6.175.56? Tell 24.6.168.1
3	9.717926	24.6.173.220	216.168.252.157	TCP	66	41865 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
4	9.734274	216.168.252.157	24.6.173.220	TCP	66	80 → 41865 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK_PERM=1 WS=128
5	9.734426	24.6.173.220	216.168.252.157	TCP	54	41865 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
6	11.263753	24.6.173.220	255.255.255.255	DB-LSP...	152	Dropbox LAN sync Discovery Protocol
7	40.277453	24.6.169.43	199.59.150.9	TCP	66	58403 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
8	40.298138	199.59.150.9	24.6.169.43	TCP	66	80 → 58403 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK_PERM=1 WS=256
9	40.298944	24.6.169.43	199.59.150.9	TCP	60	58403 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
10	42.791267	24.6.169.43	107.21.109.41	TCP	66	58405 → 443 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
11	42.883549	107.21.109.41	24.6.169.43	TCP	66	443 → 58405 [SYN, ACK] Seq=0 Ack=1 Win=14600 Len=0 MSS=1460 SACK_PERM=1 WS=256
12	42.884357	24.6.169.43	107.21.109.41	TCP	60	58405 → 443 [ACK] Seq=1 Ack=1 Win=65700 Len=0

> Frame 12: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface \Device\NPF\_{6E79FEC0-FF79-4970-96E4-EFFF300A9B9F}, id 0

▼ Ethernet II, Src: ASUSTekC\_19:9e:19 (c8:60:00:19:9e:19), Dst: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1)

> Destination: Cadant\_31:bb:c1 (00:01:5c:31:bb:c1)

> Source: ASUSTekC\_19:9e:19 (c8:60:00:19:9e:19)

Type: IPv4 (0x0800)

Padding: 000000000000

> Internet Protocol Version 4, Src: 24.6.169.43, Dst: 107.21.109.41

> Transmission Control Protocol, Src Port: 58405, Dst Port: 443, Seq: 1, Ack: 1, Len: 0

0000 00 01 5c 31 bb c1 c8 60 00 19 9e 19 08 00 45 00 ..... \1....E  
0010 00 28 06 17 40 00 00 06 5b 49 18 06 a9 2b 6b 15 (-@... [1...4k..  
0020 6d 29 e4 25 01 bb 28 04 7c 5f b4 9b db 75 50 10 m)%(: | \_...uP  
0030 40 29 bb e5 00 00 00 00 00 00 00 00 ..).....

Frame (frame), 60 byte(s) Paquetes: 12 · Mostrado: 12 (100.0%) Perfi: Default