https://inc0x0.com/tcp-ip-packets-introduction/tcp-ip-packets-3-manually-create-and-send-raw-tcp-ip-packets/

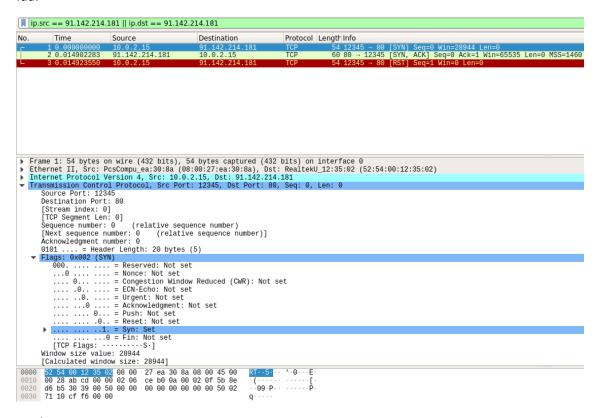
Crea un paquete TCP SYN que vaya a 91.142.214.181, escucha con Wireshark y observa si obtienes la respuesta.

## 1-Crea un pantallazo de lo mostrado en Wireshark

ip.	.src == 91.142.214	.181    ip.dst == 91.14	2.214.181	
No.	Time	Source	Destination	Protocol Length Info
	1 0.0000000000	10.0.2.15	91.142.214.181	TCP 54 12345 → 80 [SYN] Seq=0 Win=28944 Len=0
	2 0.024733888	91.142.214.181	10.0.2.15	TCP 60 80 → 12345 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0 MSS=140
	3 0.024755306	10.0.2.15	91.142.214.181	TCP 54 12345 → 80 [RST] Seq=1 Win=0 Len=0

2- ¿Qué flags tiene "encendidos" tu paquete?, ¿y el de vuelta?

## Ida:



## Vuelta:

## 3-Pon mal el checksum y observa qué pasa

```
▶ Frame 1: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface 0
▶ Ethernet II, Src: PcsCompu_ea:30:8a (08:00:27:ea:30:8a), Dst: RealtekU_12:35:02 (52:54:00:12:35:02)
▶ Internet Protocol Version 4, Src: 10.0.2.15, Dst: 91.142.214.181
▼ Transmission Control Protocol, Src Port: 12345, Dst Port: 80, Seq: 0, Len: 0
Source Port: 12345
Source Port: 12345
        Destination Port: 80
         [Stream index: 0]
         [TCP Segment Len: 0]
        Sequence number: 0
        Sequence number: 0 (relative sequence number)
[Next sequence number: 0 (relative sequence n
                                                     (relative sequence number)]
        Acknowledgment number: 0
       0101 .... = Header Length: 20 bytes (5)
Flags: 0x002 (SYN)
Window size value: 28944
         [Calculated window size: 28944]
           lecksum: 0xfcf6 incorrect, should be 0xcff6(maybe caused by "TCP

[Expert Info (Error/Checksum): Bad checksum [should be 0xcff6]]
                  [Bad checksum [should be 0xcff6]]
                  [Severity level: Error]
                  [Group: Checksum]
                                                                                          52 54 00 12 35 02 08 00
                                                 27 ea 30 8a 08 00 45 00
0010 00 28 ab cd 00 00 40 06 90 b0 0a 00 02 0f 5b 8e
         d6 b5 30 39 00 50 00 00 00 00 00 00 00 00 50 02
         71 10 fc f6 00 00
                                                                                          q • 🚥 • •
```

El wireshark te dice el ckecksum que debería tener

4-Pon un TTL=2 y observa qué pasa