How to forward an ICP packet (TCP).

IP header starts

```
          0           5  6              11 12 13 14 15
0000  00 0c 29 33 f2 e0 00 50  56 ee 31 be 08 00 45 00   ..)3...P V.1...E.
0010  00 28 26 48 00 00 80 06  ce f6 10 d4 80 2b ac 10   .(&H.... .....+..
0020  08 82 1f 90 05 9a fb 5b  6a 04 ab 25 dd 03 50 10   .......[ j..%..P.
0030  fa f0 5c 9e 00 00 00 00  00 00 00 00               .
```

0~5 destination → will be used as source when forwarding packet.

trailer

6~11 Source

12-13 type : IP or ARP

14~33 IP Header.

34 (0x22) ~ 0X35 TCP

How to get the destination address : (in frame header)

Send out a SYN packet (TCP connection) to a US IP address, get the destination address in the frame header.

Get IP packet from the in frame, use it as an UDP packet's data octets.

```
 0.      7 8       15 16      23 24      31
 | Source port    | destination port |
 |   Length       |   check sum      |
 |
 |   data octets
```