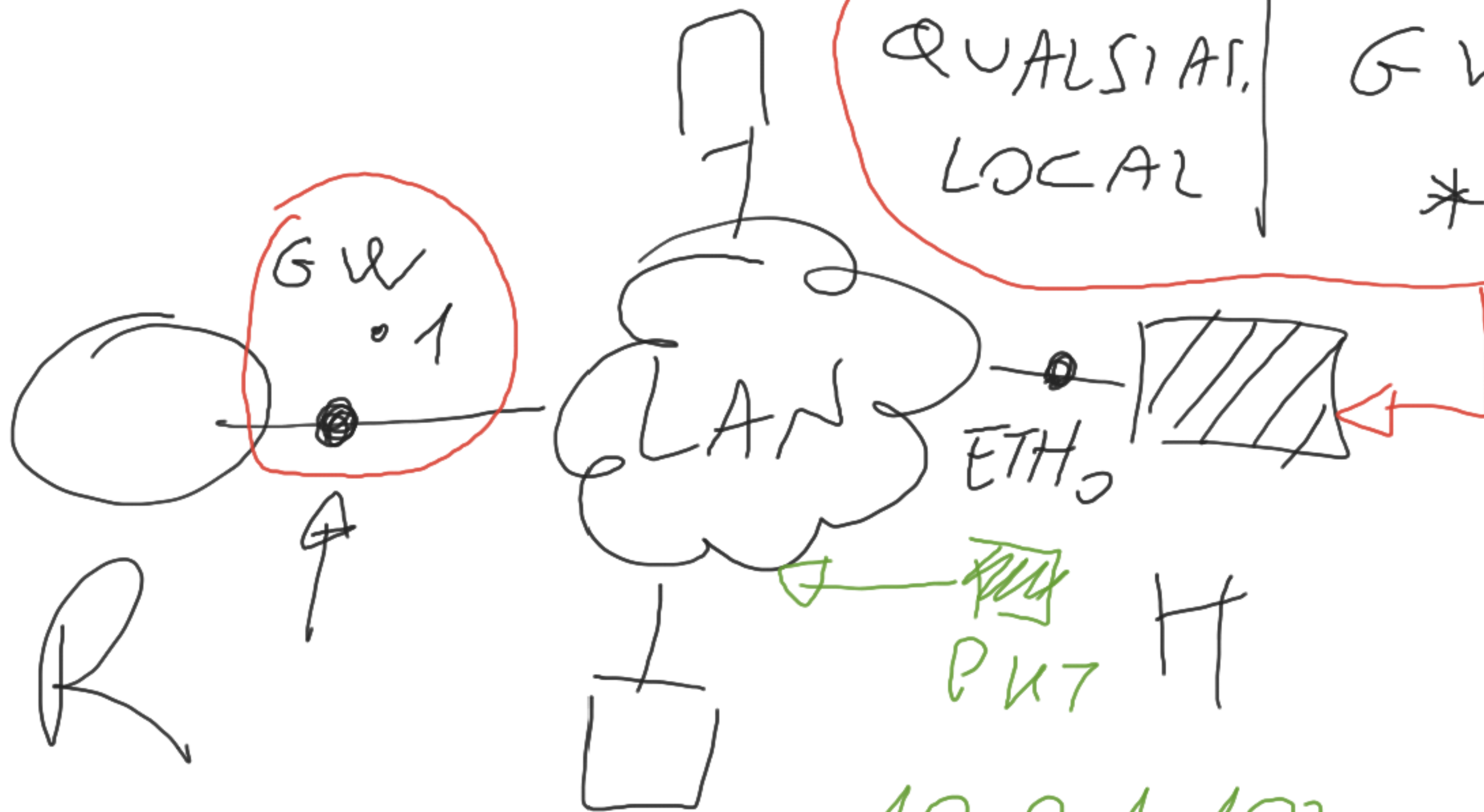


192.168.1.0/24

DST	NH
QUALSIAI, LOCAL	GW *



10.0.1.100

PREFIX	DST	MASK	INH	OUT
0.0.0.0/0	0.0.0.0	192.168.1.1	ETH0	

10.0.1.0/25

R1

10.0.0.0/30

10.0.1.128/26
R2

10.0.0.4/30

ETH1

R3

10.0.0.8/30

ETH2

ETH3

R

192.168.1.0/24

H

100

10.0.1.10

10.0.1.129

INTERNET

PREFIX	MASK	NH	IFACE
0.0.0.0	0.0.0.0	10.0.0.10	ETH3
10.0.1.0	255.255.255.128	10.0.0.2	ETH1
10.0.1.128	255.255.255.192	10.0.0.6	ETH2

25 bit D, ~37-10

/25 \Rightarrow ??

10
00001010

AND
10 0 1
11 11 11 11 . 11 11 11 11, 11 11 11 11, 10000000

10 0 1 00000000
255 . 255 . 255 . 128

10.0.1.0

26 \rightarrow NST-ID 26 bit

/26 \Rightarrow ?? 129

10 0 1 10000001
11111111, 11111111, 11111111, 11000000

255, 255, 255, 192

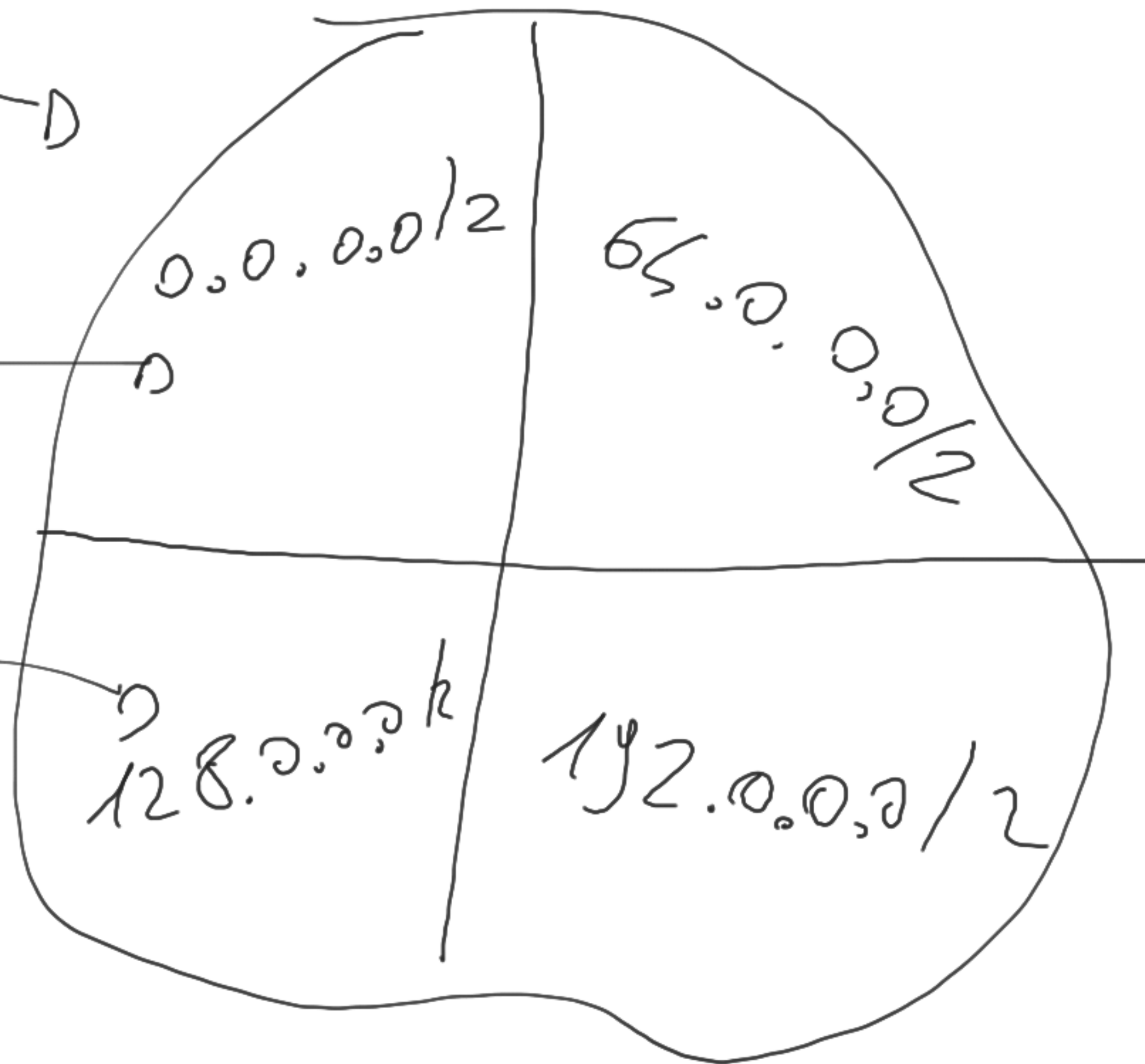
10000000

10, 0, 1, 128

IPv4

0.0.0.0/0

0.0.0.0/1
128.0.0.0/1



300
Hosts

~~1 CLASS B~~

2 CLASS C

192.168.1.0/24
192.168.2.0/24

192 . 168 . 00000000 0 1 , 0 / 25

192 . 168 . 00000000 1 0 . 0 / 25

2^1
 2^0

192 . 168 . 0 . 0 / 22

0	0
1	0
0	1
1	1