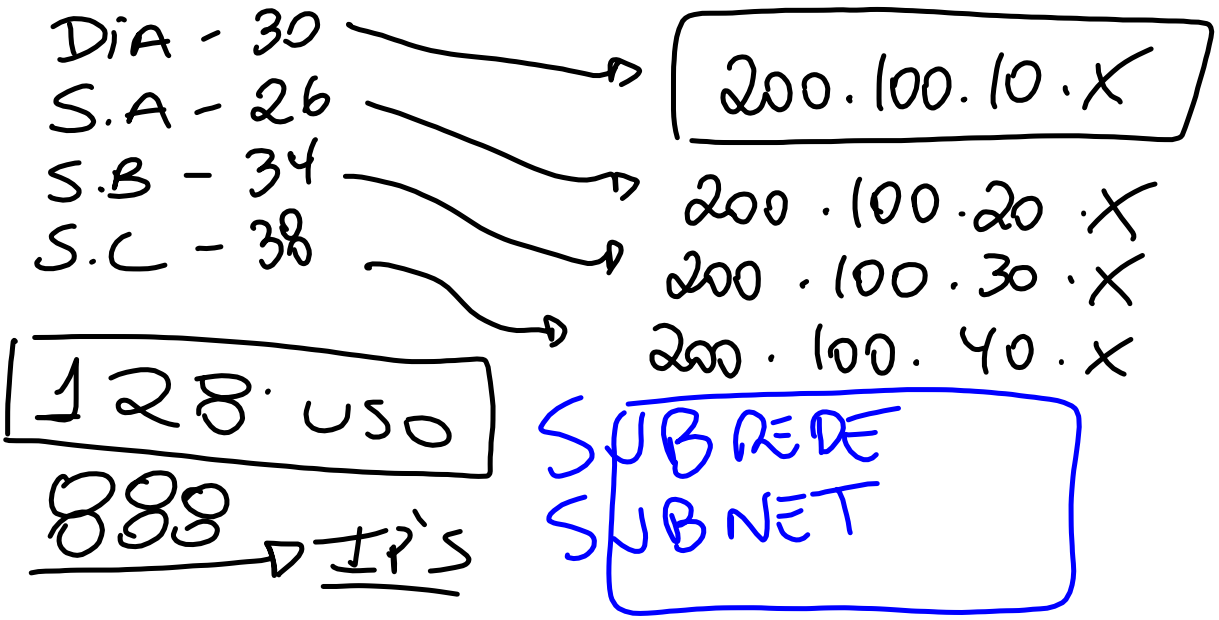
1

A 255.0.0.0 /8
R. H. H. H

126
127 LOOPBACK
128
191 > B 255.255.0.0 /16
R. R. H. H
192
223 C 255.255.255.0 /24
R. R. R. H


DiA - 30
S.A - 26
S.B - 34
S.C - 38
200.100.10.X
200.100.20.X
200.100.30.X
200.100.40.X
128.USO
888 IP's
SUBREDE
SUBNET

200.100.10.X

255.255.255.192 /26

R. R. R. H

4 SUBREDES

11111111.11111111.11111111.11000000

128	64	32	16	8	4	2	1
✓	✓						

Qtd SUBREDES - $2^{NB} = 2^2 = 4$

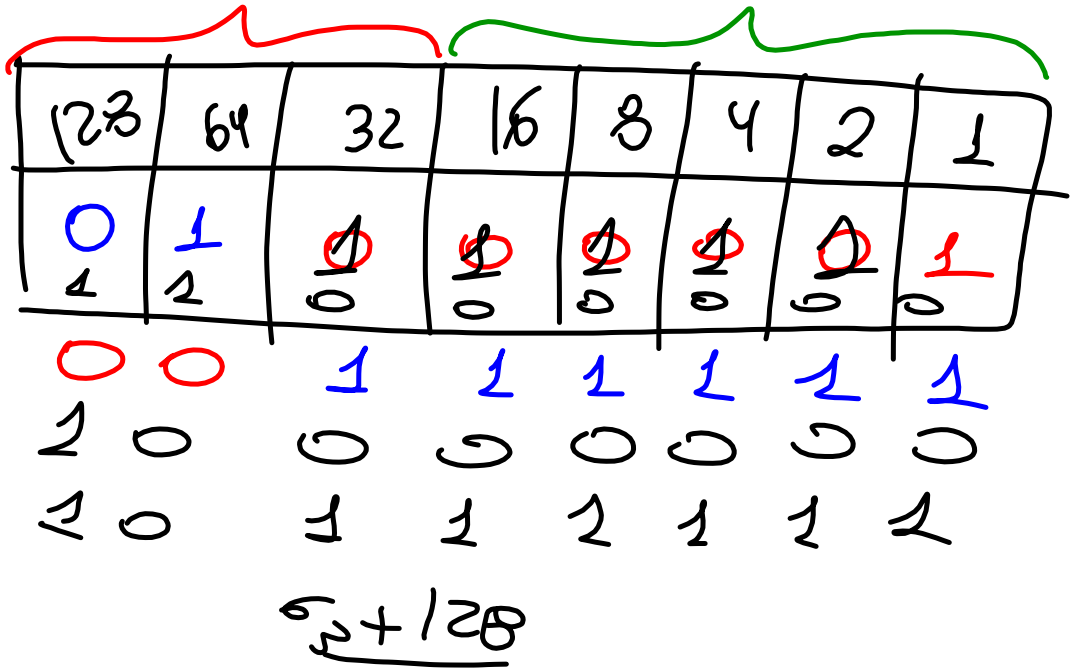
Qtd HOSTS em CADA SUBREDE

(256 ÷ 4) - 2 - 62 HOST's

$(2^{NH} - 2 - 64 - 2 = 62$

128 + 64 = 192


P
REDE
000000
I
2º HOST
000001
P
ULTIMO HOST
111110
I
BROADCAST
111111
DIA
00
0
1
62
63
SA
01
64
65
126
127
SB
10
128
129
190
191
SC
11
192
193
254
255


128 64 32 16 8 4 2 1
0 1 1 1 1 1 0 1
1 1 0 0 0 0 0 0
0 0 1 1 1 1 1 1
1 0 0 0 0 0 0 0
1 0 1 1 1 1 1 1
-2+128

200.100.10.X

8 SUBREDES

DA . SA . SB . SC
MAV . ITA . RBJ . RJS

MASC → 255.255.255. ☐

11111111.11111111.11111111.00000000

QTA SUBREDES = /☐

Qtd HOST'S em CADA SUBREDE ☐

TABELA

200.10c 10.x /27 | 8

11100000

128+64+32

$2^5 = 32$

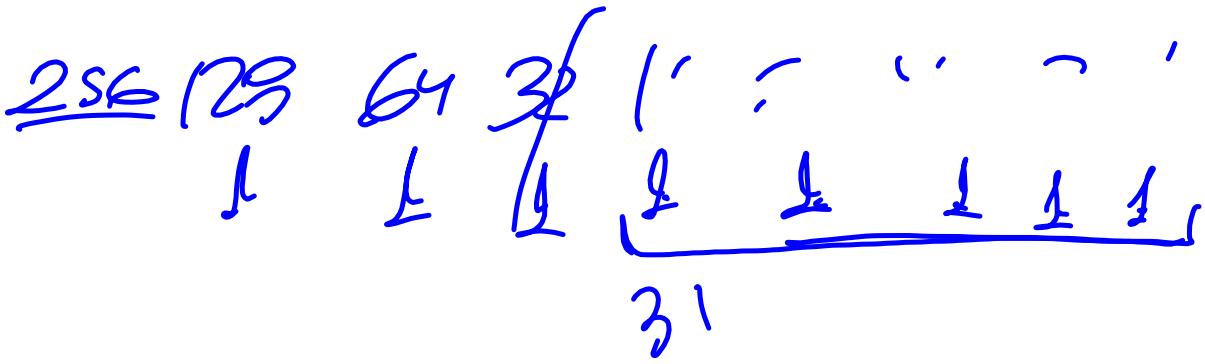
255.255.255.224

Qtd SUBREDES = $2^3 = 8$

Qtd HOSTS em CADA SUBREDE → $(256 \div 8) - 2 = 30$

$2^5 - 2 = 30$

		00000 (0) REDE	00001 (0) 1º HOST	11110 ÚLTIMO HOST (1)	11111 BD (1)
DA	0 0 0	0	1	30	31
SA	0 0 1	32	33	62	63
SB	0 1 0	64	65	94	95
SC	0 1 1	96	97	126	127
[illegible]	1 0 0	128	129	158	159
ITA	1 0 1	160	161	190	191
[illegible]	1 1 0	192	193	222	223
Rios	1 1 1	224	225	254	255


256 128 64 32 16 8 4 2 1
1 1 1 1 1 1 1 1 1
31

128 64 32 16 8 4 2 1

0 1 0 1 1 1 1 1

64 31