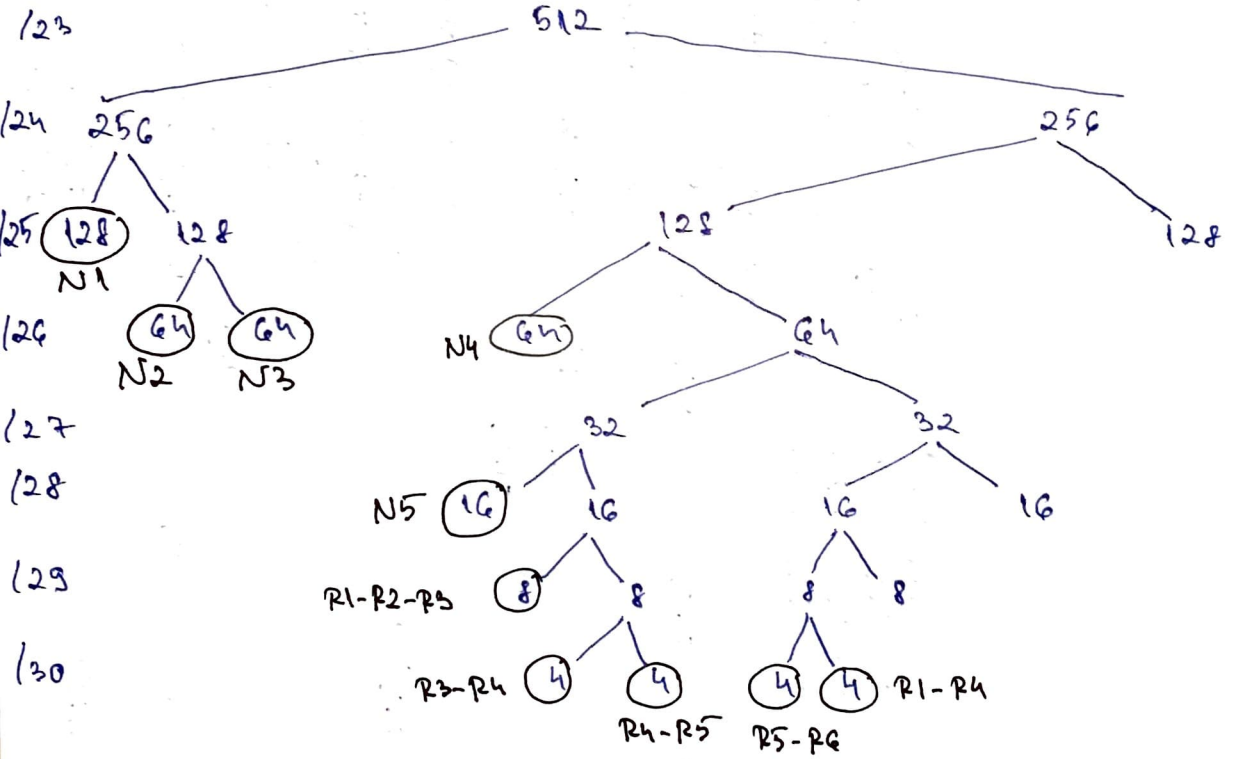
Pt. fiecare rețea $N_1, \dots, N_6$ - avem nevoie de 3 adrese suplimentare - adr. de rețea, broadcast și pt. router

N1: 96 calc. + 3 => 99 adr. => clasă de $2^7 = 128$ adr.
N2: 48 calc. + 3 => 51 adr. => clasă de $2^6 = 64$ adr.
N3: 32 calc. + 3 => 35 adr. => clasă de $2^6 = 64$ adr.
N4: 32 calc. + 3 => 35 adr. => clasă de $2^6 = 64$ adr.
N5: 8 calc. + 3 => 11 adr. => clasă de $2^4 = 16$ adr.

Rețelele dintre routere - au nevoie suplimentar doar de adr. de rețea și broadcast

R1-R2-R3: 3 + 2 => 5 adr. => clasă de 8 adr.
R3-R4: 2 + 2 => 4 adr. => clasă de 4 adr.
R4-R5: ——— " ———
R5-R6: ——— " ———
R1-R4: ——— " ———



avem 149.103.254.0/23 => $2^{32-23} = 2^9 = 512$ adrese

adr. de rețea: 149.103.254.0
255.255.254.0 &
149.103.254.0

adr. de broadcast: 149.103.254.0
0. 0. 1. 255 |
149.103.255.255

[254.0
[254.0
[254.0 254.127][254.128 254.255][255.0 255.127][255.128 255.255]
255.255]
255.255]
255.255)

N1

[254.128 254.191][254.192 254.255][255.0 .63][.64 .127][.128 .191][.192 .255]

N2 N3 N4

Intervalul [255.64 ... 255.127]:

[.64 .95][.96 .127]

(intervale de 32)

[.64 .79][.80 .95][.96 .111][.112 .127]

N5

(intervale de 16)

[.80 .95][.96 .111][.112 .127]

[.80 .87][.88 .95][.96 .103][.104 ~~.103~~ .111][.112 .119][.120 .127]

R1 - R2 - R3

(intervale de 8)

[.88 .91][.92 .95][.96 .99][.100 .103][.104 .111][.112 .119][.120 .127]

R3-R4 R4-R5 R5-R6 R1-R4

=) N1: 149.103.254.0/25
N2: 149.103.254.128/26
N3: 149.103.254.192/26
N4: 149.103.255.0/26
N5: 149.103.255.64/28
$R_1-R_2-R_3$: 149.103.255.80/29
R_3-R_4: 149.103.255.88/30
R_4-R_5: 149.103.255.92/30
R_5-R_6: 149.103.255.96/30
R_1-R_4: 149.103.255.100/30

Server Web: 149.103.254.130
Server DNS: 149.103.254.194