Bractic Computer Networks ghorzhe-Aurelian Computations

O. CP. SFI. 181. 91 drownless Mask: 256. 255. 254. 0(/23) => X = 32-23=9=> 29=512 Sub networks:

N1: 112 1P'S

N2: 36 1P12

N3: 29 1P'A

Ny: 40 1P'S

N5: 81Pb

Extra.

N12354:51P'S *

Now: 21P's

123 => 29 >612 | Paddresses

m devices (IP) + 1 nowler + 1NA+1BA => m+3

M:112+3=115 <=128 =27 \$ /25.

N2: 96+3=99<=128= 27/26

N3:24+3=27(=32=25/27

Ny: 40+3=43(=64=26/26

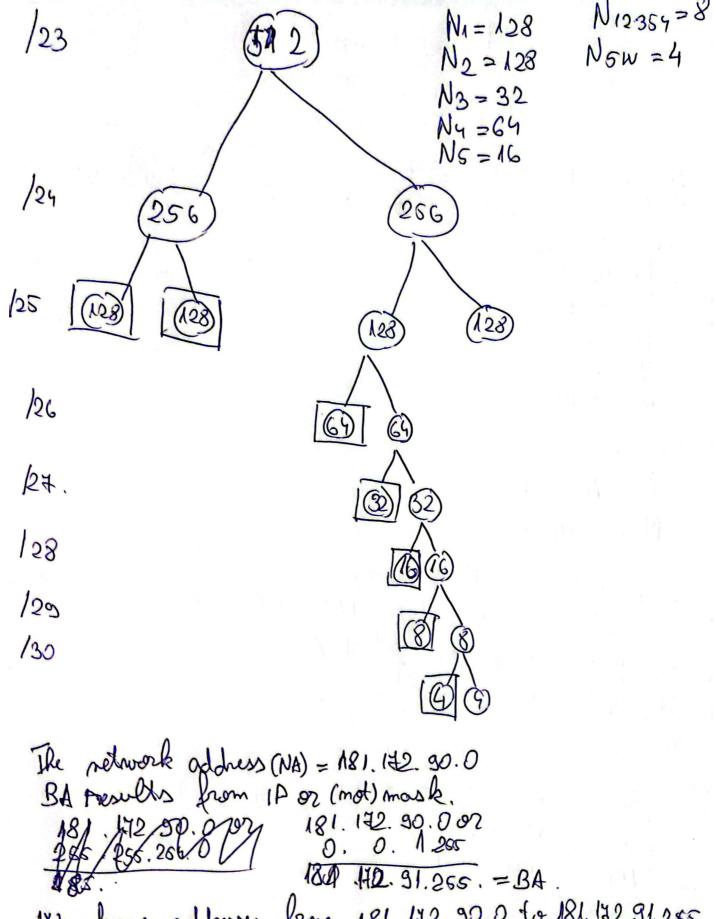
N5: 8+3=11 <=16=24/28

only IMA and IBA => M+2

N12354 15+2= 7 <= 8 = 23 /29

NAW: 2+2=4=4=2 /30

128+128+32+64+16+8+4=380<512



We have addresses from 181. 142. 90.0 to 181. 142. 91.285 The first 256 addresses will be 181. 142.90. __ The last 256 addresses will be 181. 142.91. _ Recursive net work split using

511] => [0.__ 266 [5266 __ 511] 181.172.172.90_ / 181.172.91_ 20 -- 127 [RD - 255] N1 B1. 1250.64 N2 181. 1200 055. [0.-127][128-256] [0, _63][64. _ 124] N4 [64. _95][96_ 124] [112.-119[120_127] Nossa [120_ 123] [127.12] Now

Enumerating the networks

 $N_1 = A_{21}, 181.172.90.0 | 25$ $N_2 = 181.172.90.0 | 25$ $N_3 = 181.172.91.64 | 27$ $N_4 = 181.172.91.0 | 26$ $N_5 = 181.172.91.0 | 28$ $N_{589} = 181.172.91.112 | 29$ $N_{5W} = 181.172.91.112 | 29$

266. 265. 255. 128 266. 265. 265. 224 256. 265. 265. 224 256. 265. 265. 290 266. 265. 266. 240 266. 266. 266. 266 248 286. 266. 266. 265. 252

 $N_1 = 3 R_1 = 9.1 S_1 = 9.2$ $N_2 = 3 R_2 = 9.129 S_2 web = 9.130$ $N_3 = 3 R_3 = 91.66 S_3 d_{m_3} = 91.66$ $N_4 = 3 R_4 = .91.1$ $N_6 = 3 R_5 = 91.97$ $N_12354 = 3 R_1 = 91.113, R_2 = 91.114, R_3 = 91.116$ $P_5 = 51.116, R_4 = 91.117$ $N_6 w = 3 R_5 = 91.121, R_4 = 91.122$

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