

RED 1: 820 hosts + 2 $\rightarrow 2^9 - 2 = 510 \Rightarrow$ MASCARA /23

RED 2: 180 hosts + 2 $\rightarrow 2^8 - 2 = 254 \Rightarrow$ MASCARA /24

RED 3: 110 hosts + 2 $\rightarrow 2^7 - 2 = 126 \Rightarrow$ MASCARA /25

RED 4: 51 hosts + 2 $\rightarrow 2^6 - 2 = 62 \Rightarrow$ MASCARA /26

Red 5: /30

RED 7: /30

Red 6: /30

◦ 192.168.000000.00.0000000 /22 \square 192.168.0000000.0000000 /23 = 192.168.0.0 /23
192.168.0000010.0000000 /23

◦ 192.168.0000010.0000000 /23 \square 192.168.0000010.0000000 /24 = 192.168.2.0 /24
192.168.0000011.0000000 /24

◦ 192.168.3.0000000 /24 \square 192.168.3.0000000 /25 = 192.168.3.0 /25
192.168.3.1000000 /25

◦ 192.168.3.1000000 /25 \square 192.168.3.1000000 /26 = 192.168.3.128 /26
192.168.3.1100000 /26

◦ 192.168.3.1100000 /26 \square 192.168.3.1100000 /27
192.168.3.1110000 /27

◦ 192.168.3.1100000 /27 \square 192.168.3.1100000 /28
192.168.3.1101000 /28

◦ 192.168.3.1100000 /28 \square 192.168.3.1100000 /29
192.168.3.11001000 /29

◦ 192.168.3.1100000 /29 \square 192.168.3.1100000 /30 = 192.168.3.192 /30
192.168.3.1100100 /30 = 192.168.3.196 /30

◦ 192.168.3.1100100 /29 \square 192.168.3.1100100 /30 = 192.168.3.200 /30
192.168.3.11001100 /30