

ATIVIDADE

192.168.0.0/30 (Rede)

192.168.90.115/30 (Broadcast)

192.168.10.127/25 (Broadcast)

192.168.15.128/23 (Dispositivo)

192.168.53.144/28 (Rede)

192.168.24.101/29 (dispositivo)

192.168.63.255/18 (broadcast)

192.168.255.23/26 (dispositivo)

1) 192.168.0.0/30

128	64	32	16	8	4	2	1	X
1	1	0	0	0	0	0	0	192
1	0	1	0	1	0	0	0	168
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

endereço de rede: 11000000.10101000.00000000.00 000000 = 192.168.0.0/30

broadcast: 11000000.10101011.00000000.000000 11 = 192.168.0.3/30

2) 192.168.90.115/30

128	64	32	16	8	4	2	1	X
1	1	0	0	0	0	0	0	192
1	0	1	0	1	0	0	0	168
0	1	0	1	1	0	1	0	90
0	1	1	1	0	0	1	1	115

endereço de rede: 11000000.10101000.00000000.000000 11 = 192.168.90.3/30

broadcast: 11000000.10101011.01011010.011100 11 = 192.168.90.115/30

3) 192.168.10.127/25

128	64	32	16	8	4	2	1	X
1	1	0	0	0	0	0	0	192
1	0	1	0	1	0	0	0	168
0	0	0	0	1	0	1	0	10
0	1	1	1	1	1	1	1	127

endereço de rede: 11000000.10101000.0001010.0 000000 = 192.168.10.0/25

broadcast: 11000000.10101011.0001010.0 1111111 = 192.168.10.127/25

4) 192.168.15.128/23

128	64	32	16	8	4	2	1	X
1	1	0	0	0	0	0	0	192
1	0	1	0	1	0	0	0	168
0	0	0	0	1	1	1	1	15
1	0	0	0	0	0	0	0	128

endereço de rede: 11000000.10101000.000111 0.0000000 = 192.168.14.0/23

broadcast: 11000000.10101011.000111 1.11111111 = 192.168.15.255/23

192.168.53.144/28

128	64	32	16	8	4	2	1	X
1	1	0	0	0	0	0	0	192
0	1	1	0	1	0	0	0	168
0	0	1	1	0	1	0	1	53
1	0	0	1	0	0	0	0	144

192.168.24.101/29

128	64	32	16	8	4	2	1	X
1	1	0	0	0	0	0	0	192
0	1	1	0	1	0	0	0	168
0	0	0	1	1	0	0	0	24
0	1	1	0	0	1	0	1	101

192.168.63.255/18

128	64	32	16	8	4	2	1	X
1	1	0	0	0	0	0	0	192
0	1	1	0	1	0	0	0	168
0	0	1	1	1	1	1	1	63
1	1	1	1	1	1	1	1	255

192.168.255.23/26

128	64	32	16	8	4	2	1	X
1	1	0	0	0	0	0	0	192
0	1	1	0	1	0	0	0	168
1	1	1	1	1	1	1	1	255
0	0	0	1	0	1	1	1	23