

• 1.1.1.1/8 CIDR 8

COD.BIN: 00000001.00000001.00000001.00000001

SUB. BIN: 11111111.00000000.00000000.00000000

SUBMASK: 255.255.0.0

IP BROADCAST: 00000001.11111111.11111111.11111111 = 1.255.255.255

IP NETWORK: 00000001.00000000.00000000.00000000 = 1.0.0.0

PORTE: $2^{(32-8)-2} = 16'777'214$

• 128.1.6.5/12 CIDR 12

COD.BIN: 10000000.00000001.00000110.00000101

SUB. BIN: 11111111.11110000.00000000.00000000

SUBMASK: 255.240.0.0

IP BROADCAST: 10000000.00001111.11111111.11111111 = 128.15.255.255

IP NETWORK: 10000000.00000000.00000000.00000000 = 128.0.0.0

PORTE: $2^{(32-12)-2} = 1'048'574$

• 200.1.2.3/24 CIDR 24

COD.BIN: 11001000.00000001.00000010.00000011

SUB. BIN: 11111111.11111111.11111111.00000000

SUBMASK: 255.255.255.0

IP BROADCAST: 11001000.00000001.00000010.11111111 = 200.1.2.255

IP NETWORK: 11001000.00000001.00000010.00000000 = 200.1.2.0

PORTE: $2^{(32-24)-2} = 254$

• 192.192.1.1/22 CIDR 22

COD.BIN: 11000000.11000000.00000001.00000001

SUB. BIN: 11111111.11111111.11111111.00000000

SUBMASK: 255.255.252.0

IP BROADCAST: 11000000.11000000.00000011.11111111 = 192.192.3.255

IP NETWORK: 11000000.11000000.00000000.00000000 = 192.192.0.0

PORTE: $2^{(32-22)-2} = 1'022$

• 126.5.4.3/9 CIDR 9

COD.BIN: 01111110.00000101.00000100.00000011

SUB. BIN: 11111111.10000000.00000000.00000000

SUBMASK: 255.127.0.0

IP BROADCAST: 01111110.01111111.11111111.11111111 = 126.127.255.255

IP NETWORK: 01111110.00000000.00000000.00000000 = 126.0.0.0

PORTE: $2^{(32-9)-2} = 2'097'152$

• 200.1.9.8/24 CIDR 24

COD.BIN: 11001000.00000001.00001001.00001000

SUB. BIN: 11111111.11111111.11111111.00000000

SUBMASK: 255.255.255.0

IP BROADCAST: 11001000.00000001.00001001.11111111 = 200.1.9.255

IP NETWORK: 11001000.00000001.00001001.00000000 = 200.1.9.0

PORTE: $2^{(32-24)-2} = 254$

• 172.16.0.4/16 **CIDR 16**

COD.BIN: 10101100.00010000.00000000.00000100

SUB. BIN: 11111111.11111111.00000000.00000000

SUBMASK: 255.255.0.0

IP BROADCAST: 10101100.00010000.11111111.11111111 = 172.16.255.255

IP NETWORK: 10101100.00010000.00000000.00000000 = 172.16.0.0

PORTE: $2^{(32-16)}-2 = 65'536$