

indirizzo ip: 1. 1. 1. 1/8

	network			Host
subnet bin:	11111111	00000000	00000000	00000000
	255.	0.	0.	0
IP bin:	00000001	00000001	00000001	00000001
IP network:	00000001	00000000	00000000	00000000
	1.	0.	0.	0.
IP gateway	1.	0.	0.	1
IP broadcast	00000001	11111111	11111111	11111111
	1	255	255	255

IP Host: $2^{24} = 16.777.216 - 1 \text{ rete} - 1 \text{ broadcast} = 16.777.214$

indirizzo ip: 128.1.6.5/12

	network			Host
subnet bin:	11111111	1111	0000	00000000
	255.	240.	0.	0

IP bin: 10000000.000000000001.00000110.00000101

IP network: 10000000.000000000000.00000000.00000000
128 0 0 0

IP gateway 128. 0. 0. 1

IP broadcast 10000000.00001111.11111111.11111111
128 15 255 255

IP Host: $2^{20} = 1.048.576 - 1 \text{ rete} - 1 \text{ broadcast} = 1.048.574$

200.1.2.3/24

	network			Host
subnet bin:	11111111.11111111.11111111.00000000			
	255.	255.	255.	0

IP bin: 11001000.00000001.00000010.00000011

IP network: 11001000.00000001.00000010.00000000
200. 1 2 0

IP gateway 200 1 2 1

IP broadcast 11001000.00000001.00000010.11111111
200 1 2 255

IP Host: $2^8 = 256 - 1 - 1 = 254$

192.192.1.1/22

	network			Host
subnet bin:	11111111.11111111.11111111			00.00000000
	255	255	252	0
IP bin:	11000000.11000000.00000000			01.00000001
IP network:	11000000.11000000.00000000			00.00000000
	192	192	0	0
IP gateway	192	192	0	1
IP broadcast	11000000.11000000.00000000			11.11111111
	192	192	2	255

IP Host: $2^{10} = 1024 - 1 \text{ rete} - 1 \text{ broadcast} = 1022$

192.192.1.1/22

	network			Host
subnet bin:	11111111.11111111.11111111			00.00000000
	255	255	252	0
IP bin:	11000000.11000000.00000000			01.00000001

IP network: 11000000.11000000.00000000.00.00000000
192 192 0 0

IP gateway 192 192 0 1

IP broadcast 11000000.11000000.00000000.11.11111111
192 192 2 255

IP Host: $2^{10} = 1024 - 1 \text{ rete} - 1 \text{ broadcast} = 1022$

126.5.4.3/9

network	Host
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subnet bin: 11111111.10000000.00000000.00000000
255 128 0 0

IP bin: 01111110.0000101.00000100.00000011
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IP network: 01111110.0000000.00000000.00000000
126 0 0 0

IP gateway 126 0 0 1

IP broadcast 01111110.01111111.11111111.11111111
126 127 255 255

IP Host: $2^{23} = 8.388.608 - 1 \text{ rete} - 1 \text{ broadcast} = 8.388.606$

200.1.9.8/24

	network			Host
subnet bin:	11111111.11111111.11111111			00000000
	255	255	255	0
IP bin:	11001000.00000001.00001001			00001000
IP network:	11001000.00000001.00001001			00000000
	200	1	9	0
IP gateway	200	1	9	1
IP broadcast	11001000.00000001.00001001			11111111
	200	1	9	255

IP Host: = 256 -1 rete-1 broadcast= 254

172.16.0.4/16

	network		Host	
subnet bin:	11111111.11111111		00000000.00000000	
	255	255	0	0
IP bin:	10101100.00010000		00000000.00000100	
IP network:	10101100.00010000		00000000.00000000	
	172	16	0	0
IP gateway	172	16	0	1

IP broadcast 10101100.00010000.11111111.11111111
 172 16 255 255

IP Host: 65.536 = -1 rete-1 broadcast= 65.534