

Esercizi S1/L2

1.1.1.1/8

Classe A

(nnnnnnnnn.hhhhhhhhhh.hhhhhhhhhh.hhhhhhhh)

11111111.00000000.00000000.00000000

Subnet Mask 255.0.0.0

IP network 1.0.0.0/8

Broadcast 1.255.255.255

IP Gateway 1.0.0.1

IP Host 1.0.0.2/8 - 1.255.255.254/8

8 bits di Network

24 bits Host

128.1.6.5/12

Classe B

(nnnnnnnnn.nnnnnhhhh.hhhhhhhhhh.hhhhhhhh)

11111111.11110000.00000000.00000000

Subnet mask 255.240.0.0

Ip network 128.0.0.0/12

Broadcast 128.15.255.255

Ip Gateway 128.0.0.1

Ip Host 128.0.0.2/12 - 128.15.255.254/12

12 bits Network

20 bits Host

200.1.2.3/24

Classe C

(nnnnnnnnn.nnnnnnnnn.nnnnnnnnn.hhhhhhhh)

11111111.11111111.11111111.00000000

Subnet Mask 255.255.255.0

Ip Network 200.1.2.0/24

Broadcast 200.1.2.255

Ip Gateway 200.1.2.1

Ip Host 200.1.2.2/24 - 200.1.2.254/24

24 bits network

8 bits host

192.192.1.1/22

Classe C

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11111111.11111111.11111100.00000000

Subnet Mask 255.255.252.0

Ip Network 192.192.0.0/22

Ip Broadcast 192.192.3.255

Ip Gateway 192.192.0.1

Ip Host 192.192.0.2/22 - 192.192.3.254/22

22 bits in network

10 bits in host

126.5.4.3/9

Classe A

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11111111.10000000.00000000.00000000

Subnet Mask 255.128.0.0

Broadcast 126.128.255.255

Ip Network 126.0.0.0/9

Ip Gateway 126.0.0.1

Ip Host 126.0.0.2/9 - 126.255.255.254/9

9 bits in network

23 bits host

200.1.9.8/24

Classe C

(nnnnnnnn.nnnnnnnn.nnnnnnnn.hhhhhhhh)

11111111.11111111.11111111.00000000

Subnet Mask 255.255.255.0

Broadcast 200.1.9.255

Ip Network 200.1.9.0/24

Ip Gateway 200.1.9.1

Ip Host 200.1.9.2/24 - 200.1.9.254/24

24 bits in network

8 in host

172.16.0.4/16

classe B

(nnnnnnnnn.nnnnnnnnn.hhhhhhhh.hhhhhhhh)

11111111.11111111.00000000.00000000

Sub Net Mask 255.255.0.0

Broadcast 172.16.255.255

Ip Network 172.16.0.0/16

Ip Gateway 172.16.0.1

Ip Host 172.16.0.2/16 - 172.16.255.254/16

16 bit in network

16 bits host