

Esercizio S1/L2

1.1.1.1/8

Classe A

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 bit per Network - 24 bit per host

128.1.6.5/12

Classe B

11111111.11110000.00000000.00000000

Subnet Mask 255.240.0.0

IP network 128.0.0.0

Broadcast 128.15.255.255

IP Gateway 128.0.0.1

IP Host 128.0.0.2/12 - 128.15.255.254/12

12 bit per network - 20 bit per host

200.1.2.3/24

Classe C

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 bit per network - 8 bit per host

192.192.1.1/22

Classe C

11111111.11111111.11111100.00000000

Subnet Mask 255.255.252.0

IP network 192.192.0.0/22

Broadcast 192.192.3.255

IP Gateway 192.192.0.1

IP Host 192.192.0.2/22 - 192.192.3.254/22

22 bit per network - 10 bit per host

126.5.4.3/9

Classe A

11111111.10000000.00000000.00000000

Subnet Mask 255.128.0.0

IP network 126.0.0.0/9

Broadcast 126.127.255.255

IP Gateway 126.0.0.1

IP Host 126.0.0.2/9 - 126.127.255.254/9

9 bit per network - 23 bit per host

200.1.9.8/24

Classe C

11111111.11111111.11111111.00000000

Subnet Mask 255.255.255.0

IP network 200.1.9.0/24

Broadcast 200.1.9.255

IP Gateway 200.1.9.1

IP Host 200.1.9.2/24 - 200.1.9.254/24

24 bit in network - 8 bit in host

172.16.0.4/16

Classe B

11111111.11111111.00000000.00000000

Subnet Mask 255.255.0.0

IP network 172.16.0.0/16

Broadcast 172.16.255.255

IP Gateway 172.16.0.1

IP Host 172.16.0.2 - 172.16.255.254

16 bit in network - 16 bit in host