Pratica S1-L2

Scrivere per i seguenti IP:

IP Network, IP Gateway ‘convenzionale’, IP Broadcast, quali e quanti ottetti per gli host, quanti e quali per la network.

1.1.1.1/8 —————— > IP Network : 1.0.0.0/8 ( Class A)

* IP Gateway : 1.0.0.1
* IP Broadcast : 1.255.255.255
* IP per Host utilizzabile : 1.0.0.1 - 1.255.255.254
* Binary : 00000001.00000001.00000001.00000001

Il byte rosso ( 8 bit) è per network e la parte blu ( 24 bit ) per gli host .

* 128.1.6.5/12 —————— > IP Network : 128.1.0.0/12 ( Class B )

IP Broadcast : 128.15.255.255

Subenet mask : 255.240.0.0

IP Gateway : 128.1.0.1

Binary : 10000000.00000000.00000000.00000000

200.1.2.3/24 —————— > IP Network : 200.1.2.0/24 ( Class C )

IP Broadcast : 200.1.2.255

IP GATEWAY : 200.1.2.1

Subenet mask : 255.255.255.0

Binary : 11001000.00000001.00000010 .00000011

192.192.1.1/22 —————— > IP Network : 192.192.0.0/22 ( Class C )

IP Broadcast : 192.192.3.255

IP GATEWAY : 192.192.0.1

Subnet mask : 255.255.252.0

Binary : 11000000.11000000.00000001.00000001

126.5.4.3/9 —————— > IP Network : 126.0.0.0/9 (Class A )

IP Broadcast : 126.127.255.255

IP GATEWAY : 126.0.0.1

Subnet mask : 255.128.0.0

Binary : 01111110.00000101.00000100.00000011

200.1.9.8/24 —————— > IP Network : 200.1.9.0/24

IP Broadcast : 200.1.9.255

IP Gateway : 200.1.9.1

Subnet mask : 255.255.255.0

Binary : 11001000.00000001.00001001 .00001000

172.16.0.4/16 —————— > IP Network : 172.16.0.0/16 Class B

IP Broadcast : 172.16.255.255

IP Gateway : 172.16.0.1

Subnet mask : 255.255.0.0

Binary : 10101100.00010000 .00000000.00000100