

Esercizio 1

IP 1.1.1.1/8

Subnet mask 255.0.0.0

Bin Host 00000001. 00000001. 00000001. 00000001 and xbroadcast

Bin subnet 11111111.00000000.00000000.00000000 and

Bin IP Network 00000001. 00000000. 00000000. 00000000 xbroadcast

IP Network 1. 0. 0. 0

IP Gateway 1. 0 . 0 . 1

ip broadcast ->00000001.11111111.11111111.11111111

IP Broadcast 1. 255. 255. 255

Network	Host
00000001.	00000000. 00000000. 00000000

Esercizio 2

IP 128.1.6.5 /12

Subnet mask 11111111.11110000.00000000.00000000

Bin Host 10000000. 00000001. 00000110. 00000101

Bin IP Network 10000000. 00000000. 00000000. 00000000

IP Network 128. 0 . 0 . 0

IP Gateway 128. 0 . 0 . 1

IP Broadcast 128. 15. 255. 255

Network	Host
10000000.0000	0000. 00000000. 00000000

Esercizio 3

IP 200.1.2.3/24

Bin subnet mask 11111111. 11111111. 11111111. 00000000

Bin Host 11001000. 00000001. 00000010. 00000011

Bin IP Network 11001000. 00000001. 00000010. 00000000

IP Network 200. 1 . 2. 0

IP Gateway 200. 1. 2. 1

IP Broadcast 200. 1. 2 . 255

Esercizio 4

IP 192.192.1.1/22

Bin subnet mask 11111111.11111111.11111100.00000000

Bin Host 11000000.11000000.00000001. 00000001

Bin IP Network 11000000. 11000000. 00000000. 00000000

IP Network 192. 192. 0 . 0

IP Gateway 192. 192. 0 . 1

IP Broadcast 192. 192. 3 . 255

Network	Host
11000000. 11000000.000000	00.00000000

Esercizio 5

IP 126.5.4.3/9

Bin subnet mask 11111111.10000000. 00000000. 00000000

Bin Host 11111100. 00000101. 00000100. 00000011.

Bin IP Network 11111100. 00000000. 00000000. 00000000

IP Network 126. 0. 0. 0

IP Gateway 126. 0 .0 .1

IP Broadcast 126. 127. 255. 255

Esercizio 6

IP 200.1.9.8/24

Bin subnet mask 11111111. 11111111. 11111111. 00000000

Bin Host 11001000. 00000001. 00001001. 00001000.

Bin IP Network 11001000. 00000001. 00001001. 00000000

IP Network 200. 1. 9. 0

IP Gateway 200. 1. 9. 1.

IP Broadcast 200. 1. 9. 255

Esercizio 7

IP 172.16.0.4/16

Bin subnet mask 11111111. 11111111. 00000000. 00000000

Bin Host 10101100. 00010000. 00000000. 00000100

Bin IP Network 10101100. 00010000. 00000000. 00000000

IP Network 172. 16. 0 . 0

IP Gateway 172. 16 . 0 . 1

IP Broadcast 172. 16 . 255. 255