

Esercizio di Sistemi e Reti

Parte 1

Classe C

Indirizzo IP: 202.20.150.0 / 24

Submask: 255.255.255.0 – 1111 1111.1111 1111.1111 1111.0000 0000

Net $\rightarrow 2^3 \text{ bit} = 8$

202.20.150.000 | 0 0000 = 202.20.150.0 / 27
202.20.150.000 | 1 1111

B: 202.20.150.31
R: 202.20.150.1 – 202.20.150.29
D: 202.20.150.30

202.20.150.001 | 0 0000 = 202.20.150.32 / 27
202.20.150.001 | 1 1111

B: 202.20.150.63
R: 202.20.150.33 - 202.20.150.60
D: 202.20.150.61

202.20.150.010 | 0 0000 = 202.20.150.64 / 27
202.20.150.010 | 1 1111

B: 202.20.150.95
R: 202.20.150.65 - 202.20.150.93
D: 202.20.150.94

202.20.150.011 | 0 0000 = 202.20.150.96 / 27
202.20.150.011 | 1 1111

B: 202.20.150.127
R: 202.20.150.97 - 202.20.150.125
D: 202.20.150.126

202.20.150.100 | 0 0000 = 202.20.150.128 / 27
202.20.150.100 | 1 1111

B: 202.20.150.159
R: 202.20.150.129 - 202.20.150.157
D: 202.20.150.158

202.20.150.101 | 0 0000 = 202.20.150.160 / 27
202.20.150.101 | 1 1111

B: 202.20.150.191
R: 202.20.150.161 - 202.20.150.189
D: 202.20.150.190

202.20.150.110 | 0 0000 = 202.20.150.192 / 27
202.20.150.110 | 1 1111

B: 202.20.150.223
R: 202.20.150.193 - 202.20.150.221
D: 202.20.150.222

202.20.150.111 | 0 0000 = 202.20.150.224 / 27
202.20.150.111 | 1 1111

B: 202.20.150.255
R: 202.20.150.225 - 202.20.150.253
D: 202.20.150.254

Parte 2

Classe C

Indirizzo IP: 199.24.16.0 / 24

Submask: 255.255.252.0 / 22

199.24.16.0

199.24.17.0 -> 1024 Host

199.24.18.0

199.24.19.0

199.24.000100 | 00.0

199.24.000100 | 01.0

199.24.000100 | 10.0

199.24.000100 | 11.0

Range IP: 199.24.16.1 – 199.24.19.254

Broadcast: 199.24.19.255