

PARTE 1

INDRIZZO CLASSE C	202.20.150.0 _{/24}
SUBNET MASK	255.255.255.0

PIANO TERRA

IP sottorete reparto A	202.20.150.0 _{/27}
IP broadcast	202.20.150.31
IP default gateway	202.20.150.30
Range IP	202.20.150.1 - 202.20.150.29

IP sottorete reparto B	202.20.150.32 _{/27}
IP broadcast	202.20.150.63
IP default gateway	202.20.150.62
Range IP	202.20.150.33 - 202.20.150.61

IP sottorete reparto C	202.20.150.64 _{/27}
IP broadcast	202.20.150.95
IP default gateway	202.20.150.94
Range IP	202.20.150.65 - 202.20.150.93

PIANO PRIMO

IP sottorete reparto D	202.20.150.96 _{/27}
IP broadcast	202.20.150.127
IP default gateway	202.20.150.126
Range IP	202.20.150.97 - 202.20.150.125

IP sottorete reparto E	202.20.150.128 _{/27}
IP broadcast	202.20.150.159
IP default gateway	202.20.150.158
Range IP	202.20.150.129 - 202.20.150.157

IP sottorete reparto F	202.20.150.160 _{/27}
IP broadcast	202.20.150.191
IP default gateway	202.20.150.190
Range IP	202.20.150.161 - 202.20.150.189

PARTE 2

BLOCCO INDIRIZZI	199.24.16.0 _{/24}
IP NECESSARI	980

Ogni indirizzo fornisce $2^n - 2$ host --> 254 host --> pertanto ho bisogno di 4 indirizzi

199.24.16.0
199.24.17.0
199.24.18.0
199.24.19.0

}

4 indirizzi di classe C

1024 indirizzi totali

199.24.0001 0000.0000 0000
199.24.0001 0001.0000 0000
199.24.0001 0010.0000 0000
199.24.0001 0011.0000 0000

Summary route	199.24.16.0 _{/22}
IP Broadcast	199.24.19.255
IP default gateway	199.24.19.254
Range IP	199.24.16.1 - 199.24.19.253