

150.182.220.250/14
10010110.10110110.11011100.11111010
11111111.11111100.00000000.00000000

PAS 1

N.A: 150.180.0.0/14
B.A: 150.183.255.255/14
R.A: 150.180.0.1 - 150.183.255.254/14

PAS 2

$2^{12} < 8190 < 2^{13}$
 $2^{12} < 5000 < 2^{13}$
 $2^{12} < 4095 < 2^{13}$
 $2^1 < 2 < 2^2$
 $2^1 < 2 < 2^2$
 $2^1 < 2 < 2^2$

PAS 3

LAN MOTOSTIVUITOR - 8190 useri 32-13=19
N.A: 150.180.0.0/19
B.A: 150.180.31.255/19
R.A: 150.180.0.1 - 150.180.31.254/19

LAN MASINA - 5000 useri 32-13=19
N.A: 150.180.32.0/19
B.A: 150.180.63.255/19
R.A: 150.180.32.1 - 150.180.63.154/19

LAN MACARA - 4095 useri 32-13=19
N.A: 150.180.64.0/19
B.A: 150.180.95.255/19
R.A: 150.180.64.1 - 150.180.95.254/19
(Server: 150.180.95.254/19)

MASINA-MACARA 32-2=30
N.A: 150.180.96.0/30
B.A: 150.180.96.3/30
R.A: 150.180.96.1 - 150.180.96.2/30

MACARA-WIFI 32-2=30
N.A: 150.180.96.4/30
B.A: 150.180.96.7/30
R.A: 150.180.96.5 - 150.180.96.6/30

MACARA-MOTOSTIVUITOR 32-2=30
N.A: 150.180.96.8/30
B.A: 150.180.96.11/30
R.A: 150.180.96.9 - 150.180.96.10/30

→ RIP

◆ doar 15 routere

```
RMACARA(config)#route rip
RMACARA(config-router)#no auto-summary
RMACARA(config-router)#version 2
RMACARA(config-router)#network 150.180.64.0
RMACARA(config-router)#network 150.180.96.0
RMACARA(config-router)#network 150.180.96.4
RMACARA(config-router)#network 150.180.95.254
RMACARA(config-router)#network 150.180.96.8
```