Pt. a defini a retea aven nevoie de: Efectuain un si logie l'intre echeso de IP si mosca de netea I? 100,25.63.0/31 100 -> 01107100, 25-> 09011991. 63 70011111. 0 0000000 st. la ch. luim 31 de bit; de la Paris de obsider (exceptie 255) Adresa; 01100100,0001001,00111111,000000 Adr. 199. 25. 63. 0

-> transf. toti biti de host din D'in 1 100,25.63.1/31 host m = adress de retea + m ultimbhat-> tolreso de broadcast -1 /31 -> point to point (intre voitere de obicei) Recolc. elementele refelei tinand cont de nova mose o de retea /20 3+2-16+32 Achera de retea; 21100100,000 11001.0011111,00000000 0900 0000 000 1 00 1 00 00 000 000 0000 100. 25. 48.0/20

Cala adresa de broadcast 100.25.63.255/20 host 19 = adresa de retea + 19 190, 25. 48. 19/20 althor de host. 100.25.48.254/ Gratemay -s nu existà micio reglementore portona adres à de host ultima

-> Cu masca fixa In acest car pommen procesul de subnetare cu numarul de retele la care trebuie sa ajungem. Vam imprumuta biti du partea de host si ii vom transfera porti de retea. DEV 3 retele -> 2 biti 601 TEST MNG 1 Référence DEV [00] 100.25.48.0/20 Adr. 100.25.00 11.00,000.0000 biti netea mai
200. 25. 48. 0/20+2=22 Bradcast 100.25. 001100 11.11 11 11 11 100.25.51.255/22 Crateray -s prima = 100, 27. 51. 1/22 Adhesa retæa + 1 host 1

TEST [01] Reteama 001101,00-000000 100.25. g Jubact host 100.25.52.0/22 Adr. bdic. 100.25.0011 01 00.0000 0000 100.25.55.255/ 22 Cate odnese de hat sunt chapanibile in aceastá netoa? Aven 10 biti de hoot-> 2 posibilitati 512 - 2 = 510 adrese valide

adresa de broadcast

de repea de broadcast

3) Reteaus MNG [10] 100,25.0011 10,00.00000000 rétea 100.25.56.0/22 5/20dest 100.25.00/1/0 11.11/11/11 100.25.59.255/22 Marcà fixà - acelasi un de biti de hort adrese de retea - s pare brookant - impar Adrese de mai jos - Adr. sus bolo +1

## Submetari cu masco vonabrillo

In acest car rom time cont de m. de hosturi necesar frecenei retele. Impà acest criteriu vom ordono retelele în mod descrescator

DEY 10 TEST 5 desc-!!! MNG 2

10 + 1 och. reteg +1 neton broad cant -> minim 12 odnese -> 4 bit; host 32 - 4 = 28 bit; neteg +stol

100.25.48.0/20+6 = 28 Adn. bdc. 100.25.0011 9900000 11111 100.25.48.15/28

5 och host +1 och neteg TEST 121 Reteama 7 111 29 biti netea 3 614 Adr. net ea 100.25.0011,000000010 DE V (28) TEST (29) 100.25.48.16/ 29 100.27 2011 00000001 0 111 100.25.48.23/29 2 och. host -s + 1 och. netecn 4 -> 30 bits netecn [3] Reteama MNG 100. 27. 0011, 00000001 1 0 DEN TEST 19225.48.24/