Subneteo Red SOHO

IP= 172. 23. 0.0 /16

VLAN 20 y UO

requieren lozz clientes

(1022); (mumo) = 10 bits

54 original= 146 = 255.255.0.0

dwantas subredes hay?

2°= 64

¿cuantas direcciones por subred?

210 = 1024

Incremento de 4

Rangos

172. 23. 0.0 -> 172.23. 3. 255 \ 50 Usan 172. 23. 4.0 -> 172.23, 7.255 \ 172. 23. 8.0 -> 172.23.11. 255

VLAN 20 (Evest)

Sub red ID= 172.23.0.0/22

rango direcciones= 172.73.0.1 -, 172.23.3.254

Bcast = 172,23, 3,255

VLAN 40 (Internal)

Sub red ID= 172.23.4.0/22 rango direccionas= 172.23.4.1 -, 172.23.7.254 BCast = 172.23, 7.255

VLAN 99 y 55

requieren 254 clientes

(1022); (11111110) = 8 6965

54 original= 146 = 255.255.0.0

1111111, 1111111 | , 60000000. 00000000

duantas subredes hay?

2 256

¿cuantas direcciones por subred?

28 = 256

Incremento de 1

Rangos

172,73,8,0 3 172,73,8,0 Se usan 172,73,9,0 3 172,73,9,0 172,73,10,0 3 172,73,16,0

VLAN 55 (Server, Printer, etc)

50b red ID= 172.23.8.0/24

rango direcciones= 172.23.8,1 -,172.23.8.254

Bcast = 172,23, 8,255

VLAN 90 (NOTPUR)

Sub red ID= 172.23.9.0/24

rango direcciona= 172.23.9.1 -, 172.23.9.254

3cast = 172,23, 9.255

