**A N E P Escuela Superior de Informática**

CONSEJO DE EDUCACION Av. Gral. Rivera 3729 bis. TECNICO PROFESIONAL Montevideo, Uruguay

**(Universidad del Trabajo Del Uruguay)**

**ByteSoft**

***Subneteo VLSM***

IP central: 192.168.100.0

IP policlínica: 192.168.200.0

**Subneteo central:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| N° Sub | Host sol. | Host encont. | Dir. IP | Masc | Masc  Dec. | 1° Host | Ult. Host. | Broadcast |
| 1 | 14 | 30 | 192.168.100.0 | /27 | 255.255.255.224 | 192.168.100.1 | 192.168.100.30 | 192.168.100.31 |
| 2 | 16 | 30 | 192.168.100.32 | /27 | 255.255.255.224 | 192.168.100.33 | 192.168.100.62 | 192.168.100.63 |
| 3 | 12 | 30 | 192.168.100.64 | /27 | 255.255.255.224 | 192.168.100.65 | 192.168.100.94 | 192.168.100.95 |
| 4 | 12 | 30 | 192.168.100.96 | /27 | 255.255.255.224 | 192.168.100.97 | 192.168.100.125 | 192.168.100.126 |

Máscara de red base: 255.255.255.0 /24

Fórmula: 2^M - 2 >= H H = Cantidad de host M = Cantidad de bits en 0

**Subneteo policlínica:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| N° Sub | Host sol. | Host encont. | Dir. IP | Masc | Masc.  Dec. | 1° Host | Ult. Host. | Broadcast |
| 1 | 16 | 30 | 192.168.200.0 | /27 | 255.255.255.224 | 192.168.200.1 | 192.168.200.30 | 192.168.200.31 |

Máscara de red base: 255.255.255.0 /24