Configuración de subredes en IPv4

RED 120.0.0.0 Clase A MASK: 255.0.0.0 /8

Configurar 8 subredes:

23=8 ( 2n)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 000 | 001 | 010 | 011 | 100 | 101 | 110 | 111 |

Red: 120.0.0

120. XXX00000. 0 . 0

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| N.º | Subred | Ultima dirección  (Difusión) | Primera Utilizable | Ultima Utilizable | Mask |
| 1 | 120.0.0.0 | 120.31.255.255 | 120.0.0.1 | 120.31.255.254 | /11 |
| 2 | 120.32.0.0 | 120.63.255.255 | 120.32.0.1 | 120.63.255.254 | /11 |
| 3 | 120.64.0.0 | 120.95.255.255 | 120.64.0.1 | 120.95.255.254 | /11 |
| 4 | 120.96.0.0 | 120.127.255.255 | 120.96.0.1 | 120.127.255.254 | /11 |
| 5 | 120.128.0.0 | 120.159.255.255 | 120.128.0.1 | 120.159.255.254 | /11 |
| 6 | 120.160.0.0 | 120.191.255.255 | 120.160.0.1 | 120.191.255.254 | /11 |
| 7 | 120.192.0.0 | 120.223.255.255 | 120.192.0.1 | 120.223.255.254 | /11 |
| 8 | 120.224.0.0 | 120.255.255.255 | 120.224.0.1 | 120.255.255.254 | /11 |