a)192.168.1.0/24, crear 6 subredes

255.255.255.11100000

|  |  |  |  |
| --- | --- | --- | --- |
| RED | Broadcast | 1 IP | Ultima IP |
| 192.168.1.0 | 192.168.1.31 | 192.168.1.1 | 192.168.1.30 |
| 192.168.1.32 | 192.168.1.63 | 192.168.1.33 | 192.168.1.62 |
| 192.168.1.64 | 192.168.1.95 | 192.168.1.65 | 192.168.1.94 |
| 192.168.1.96 | 192.168.1.127 | 192.168.1.97 | 192.168.1.126 |
| 192.168.128 | 192.168.1.159 | 192.168.1.129 | 192.168.1.158 |
| 192.168.1.160 | 192.168.1.198 | 192.168.1.161 | 192.168.1.197 |

b)192.168.1.0/25, crear 4 subredes

255.255.255.11100000

|  |  |  |  |
| --- | --- | --- | --- |
| Red | Broadcast | 1IP | Ultima ip |
| 192.168.1.0 | 192.168.1.31 | 192.168.1.1 | 192.168.1.30 |
| 192.168.1.32 | 192.168.1.63 | 192.168.1.33 | 192.168.1.62 |
| 192.168.1.64 | 192.168.1.95 | 192.168.1.65 | 192.168.1.94 |
| 192.168.1.96 | 192.168.1.127 | 192.168.1.97 | 192.168.1.126 |

c) 192.168.1.128 /25, crear 4 subredes

255.255.255.11100000

|  |  |  |  |
| --- | --- | --- | --- |
| RED | Broadcast | 1 IP | Ultima IP |
| 192.168.1.128 | 192.168.1.159 | 192.168.1.129 | 192.168.1.158 |
| 192.168.1.160 | 192.168.1.191 | 192.168.1.161 | 192.168.1.190 |
| 192.168.1.192 | 192.168.1.223 | 192.168.193 | 192.168.1.222 |
| 192.168.1.224 | 192.168.1.255 | 192.168.1.225 | 168.168.1.254 |