|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| RED: 192.168.1.0/24 | | | | | |
| **#subred** | **Dir. IP Inicial** | **Primera IP Asignable** | **Última IP Asignable** | **Dir. IP Broadcast** | **Mask** |
| 1 | 192.168.1.0 | 192.168.1.1 | 192.168.1.14 | 192.168.1.15 | /28 |
| 2 | 192.168.1.16 | 192.168.1.17 | 192.168.1.30 | 192.168.1.31 | /28 |
| 3 | 192.168.1.32 | 192.168.1.33 | 192.168.1.38 | 192.168.1.39 | /29 |
| 4 | 192.168.1.40 | 192.168.1.41 | 192.168.1.46 | 192.168.1.47 | /29 |
| 5 | 192.168.1.48 | 192.168.1.49 | 192.168.1.54 | 192.168.1.55 | /29 |
| 6 | 192.168.1.56 | 192.168.1.57 | 192.168.1.62 | 192.168.1.63 | /29 |
| 7 | 192.168.1.64 | 192.168.1.65 | 192.168.1.66 | 192.168.1.67 | /30 |
| 8 | 192.168.1.72 | 192.168.1.73 | 192.168.1.78 | 192.168.1.79 | /29 (6 eq.) |
| 9 | 192.168.1.80 | 192.168.1.81 | 192.168.1.94 | 192.168.1.95 | /28 (8 eq.) |
| 10 | 192.168.1.128 | 192.168.1.129 | 192.168.1.254 | 192.168.1.255 | /25 (72 eq.) |

**Actividad: subredes de longitud fijas**

Abraham Cepeda Oseguera

A00827666

¿Cuáles rangos de direcciones IP quedaron libres?

**- 192.168.1.68 – 192.168.1.71**

**- 192.168.1.96 – 192.168.1.172**

¿Cuál es la red agregada que me integra los segmentos 192.168.0.0/24, 192.168.1.0/24, 192.168.2.0/24 y 192.168.3.0/24?

**192.168.0.0/24**