|  |  |  |
| --- | --- | --- |
|  |  |  |
| Eth | 140.140.0.0 / 16 |  |
| Serial | 192.168.1.0 / 24 |  |
|  |  |  |
| LAN 1 | 14200 host |  |
| LAN 2 | 220 host |  |
| LAN 3 | 31 host |  |
|  |  |  |
| Direcciones Ethernet |  |  |
| LAN 1 | 140.140.0.0 / 16 |  |
|  | 1000 1100 1000 1100 0000 0000 0000 0000 | |
| Direccion IP | 140.140.0.0 / 18 |  |
| 14200 HOST | 2^14 = 16384 host 14 bits para host | |
|  |  |  |
| LAN 2 | 140.140.0.0 / 16 |  |
|  | 1000 1100 1000 1100 0000 0000 0000 0000 | |
| anterior | 1000 1100 1000 1100 0000 0000 0000 0000 | |
| ahora | 1000 1100 1000 1100 0100 0000 0000 0000 | |
| Direccion IP | 140.140.64.0 / 24 |  |
| 220 HOST | 2^8 = 256 host 8 bits para host |  |
|  |  |  |
| LAN 3 | 140.140.0.0 / 16 |  |
|  | 1000 1100 1000 1100 0000 0000 0000 0000 | |
| anterior | 1000 1100 1000 1100 0100 0000 0000 0000 | |
| ahora | 1000 1100 1000 1100 0100 0001 0000 0000 | |
| Direccion IP | 192.168.65.0 / 26 |  |
| 31 HOST | 2^5 = 32 HOST - 5 bits para host | |
|  |  |  |
|  |  |  |
| **WAN 1-2** | 192.168.1.0 / 24 |  |
|  | 1100 0000 1010 1000 0000 0001 0000 0000 | |
|  |  |  |
| Direccion IP | 192.168.1.0 / 30 |  |
| 2 HOST | 2^2 = 4 host - 2 bits para host |  |
|  |  |  |
| WAN 2-3 | 192.168.1.0 / 24 |  |
|  | 1100 0000 1010 1000 0000 0001 0000 0000 | |
|  | 1100 0000 1010 1000 0000 0001 0000 0100 | |
| Direccion IP | 192.168.1.4 / 30 |  |
| 2 HOST | 2^2 = 4 host - 2 bits para host |  |
|  |  |  |
|  |  |  |
| R1 Eth ( la mas baja de la subred) | | 140.140.0.1 |
| R1 Serial |  | 192.168.0.1 |
|  |  |  |
| R2 Eth ( la mas baja de la subred ) | | 140.140.64.1 |
| R2 Serial Izquierda |  | 192.168.0.2 |
| R2 Serial Derecha |  | 192.168.0.5 |
|  |  |  |
| R3 Eth ( la mas baja de la subred) | | 192.168.65.1 |
| R3 Serial |  | 192.168.0.6 |
|  |  |  |
|  |  |  |
| PC1 dir IP: |  | 140.140.0.10 |
| PC1 Gateway: |  | 140.140.0.1 |
|  |  |  |
| PC2 dir IP |  | 140.140.64.10 |
| PC2 Gateway: |  | 140.140.64.1 |
|  |  |  |
| PC3 dir IP |  | 192.168.65.10 |
| PC3 Gateway: |  | 192.168.65.1 |