

# Miguel Monsolve Arango

## Direccionamiento IPv4

Red	Usuarios	Bits	Mascara	Direccion	Broadcast	Sobranite
Vlan 100	1000	10	22	172.16.0.0	172.16.3.255	22
Vlan 10	500	9	23	172.16.4.0	172.16.5.255	10
Vlan 20	100	7	25	172.16.6.0	172.16.6.127	26
Vlan 30	100	7	25	172.16.6.128	172.16.6.255	26
Vlan 200	64	7	25	172.16.7.0	172.16.7.128	62
Vlan 300	32	6	26	172.16.7.128	172.16.7.191	30
R1 L0	256	9	23	10.100.0.0	10.100.1.255	254
R1 L1	256	9	23	10.100.2.0	10.100.3.255	254
R1 L2	256	9	23	10.100.4.0	10.100.5.255	254
R2 L0	200	8	24	10.100.6.0	10.100.6.255	54
R2 L1	200	8	24	10.100.7.0	10.100.7.255	54
R2 L2	200	8	24	10.100.8.0	10.100.8.255	54
R4 L0	128	8	24	10.100.9.0	10.100.9.255	54
R4 L1	128	8	24	10.100.10.0	10.100.10.255	54
R4 L2	128	8	24	10.100.11.0	10.100.11.255	54
R3 L0	100	7	25	10.100.12.0	10.100.12.127	26
R3 L1	100	7	25	10.100.12.128	10.100.12.255	26
R3 L2	100	7	25	10.100.13.0	10.100.13.127	26
R4-R2	3	3	29	192.168.123.0	192.168.123.7	3
R4-R2	2	2	30	192.168.123.8	192.168.123.11	0
R1-R3	2	2	30	192.168.123.12	192.168.123.15	0
R3-R4	2	2	30	192.168.123.16	192.168.123.19	0

# Direccionamiento IPv6

Red	Usuarios	Direccion
Vlan 10	500	2000::172:0:0:1::/80
Vlan 20	100	2000::172:0:0:2::/80
Vlan 30	100	2000::172:0:0:3::/80
Vlan 100	1000	2000::172:0:0:4::/80
Vlan 200	64	2000::172:0:0:5::/80
Vlan 300	32	2000::172:0:0:6::/80
R1 L0	256	3000::10:0:0:1::/80
R1 L1	256	3000::10:0:0:2::/80
R1 L2	256	3000::10:0:0:3::/80
R2 L0	200	3000::10:0:0:4::/80
R2 L1	200	3000::10:0:0:5::/80
R2 L2	200	3000::10:0:0:6::/80
R3 L0	100	3000::10:0:0:7::/80
R3 L1	100	3000::10:0:0:8::/80
R3 L2	100	3000::10:0:0:9::/80
R4 L0	128	3000::10:0:0:A::/80
R4 L1	128	3000::10:0:0:B::/80
R4 L2	128	3000::10:0:0:C::/80
R1-R3	2	2000::123:0:0:1::/80
R3-R4	2	2000::123:0:0:2::/80
R4-R2	2	2000::123:0:0:3::/80
R4-R2	3	2000::123:0:0:4::/80