1. Conectar las pc´s que faltan conectar a los switchs

Sw-Con2:

SWC11 con cable cruzado a boca FastEthernet0/1

SWC12 con cable cruzado a boca FastEthernet0/2

SWC13 con cable cruzado a boca FastEthernet0/3

Sw-Con1:

SWC01 con cable cruzado a boca FastEthernet0/1

SWC02 con cable cruzado a boca FastEthernet0/2

SWC03 con cable cruzado a boca FastEthernet0/3

Sw-Adm2:

SWA11 con cable cruzado a boca FastEthernet0/1

SWA12 con cable cruzado a boca FastEthernet0/2

SWA13 con cable cruzado a boca FastEthernet0/3

Sw-Adm1:

SWA01 con cable cruzado a boca FastEthernet0/1

SWA02 con cable cruzado a boca FastEthernet0/2

SWA03 con cable cruzado a boca FastEthernet0/3

Red entre router RB y RT-Com 192.168.0.0

RB:192.168.0.1/30

RT-Com:192.0.2/30

Red entre router WAN y RB 192.168.1.0

RB: 192.168.1.1/30

WAN:192.168.1.2/30

Red entre router RB y RT-Adm 192.168.2.0

RB:192.168.2.1/30

RT-Com:192.168.2.2/30

|  |  |  |  |
| --- | --- | --- | --- |
| Administracion | Subneting clasico |  |  |
| Red original | 172.16.0.0 | 255.255.0.0 | / 16 |
| Para 10 subredes | 172.16.0.0 | 255.255.240.0 | / 20 |
|  |  |  |  |
| Red | Primer IP utilizable | Ultima IP utilizable | Broadcast |
| 172.16.0.0 | 172.16.0.1 | 172.16.15.254 | 172.16.15.255 |
| 172.16.16.0 | 172.16.16.1 | 172.16.31.254 | 172.16.32.255 |
| 172.16.32.0 | 172.16.32.1 | 172.16.47.254 | 172.16.47.255 |
| 172.16.48.0 | 172.16.48.1 | 172.16.63.254 | 172.16.63.255 |
| 172.16.64.0 | 172.16.64.1 | 172.16.79.254 | 172.16.79.255 |
| 172.16.80.0 | 172.16.80.1 | 172.16.95.254 | 172.16.95.255 |
| 172.16.96.0 | 172.16.96.1 | 172.16.111.254 | 172.16.111.255 |
| 172.16.112.0 | 172.16.112.1 | 172.16.127.254 | 172.16.127.255 |
| 172.16.128.0 | 172.16.128.1 | 172.16.145.254 | 172.16.145.255 |
| 172.16.144.0 | 172.16.144.1 | 172.16.160.254 | 172.16.160.255 |
|  |  |  |  |
|  |  |  |  |
| Contabilidad | VLSM |  |  |
| Red original | 172.18.0.0 | 255.255.255.0 | / 16 |
| Hsata 62 IP´s |  | 255.255.255.192 | / 26 |
|  |  |  |  |
| Red | Primer IP utilizable | Ultima ip Utilizable | Broadcast |
| 172.18.0.0 | 172.18.0.1 | 172.18.0.62 | 172.18.0.63 |
| 172.18.0.64 | 172.18.0.65 | 172.18.0.126 | 192.18.0.127 |
| 172.18.0.128 | 172.18.0.129 | 172.18.0.190 | 172.18.0.191 |
| 172.18.0.192 | 172.18.0.193 | 172.18.0.254 | 172.18.0.255 |

1. Para la Red de Administración se usa subneteo clásico