**Endereçamento IP Empresa XY**

**Classe B = 172.16.0.0/21**

**Numero de Subnets = 32**

**Numero de Hosts por Subnet= 2046**

**REDE MATRIZ – 12 Subnets**

|  |  |  |  |
| --- | --- | --- | --- |
| **Tipo** | **Endereço de Rede** | **Faixa usável para Hosts** | **Endereço de Broadcast** |
| Ativos de Rede | 172.16.0.0 | 172.16.0.1 - 172.16.7.254 | 172.16.7.255 |
| Servidores | 172.16.8.0 | 172.16.8.1 - 172.16.15.254 | 172.16.15.255 |
| Impressoras | 172.16.16.0 | 172.16.16.1 - 172.16.23.254 | 172.16.23.255 |
| Access Points | 172.16.24.0 | 172.16.24.1 - 172.16.31.254 | 172.16.31.255 |
| Desktops | 172.16.32.0 | 172.16.32.1 - 172.16.39.254 | 172.16.39.255 |
| RESERVADO | 172.16.40.0 | 172.16.40.1 - 172.16.47.254 | 172.16.47.255 |
| RESERVADO | 172.16.48.0 | 172.16.48.1 - 172.16.55.254 | 172.16.55.255 |
| LIVRE | 172.16.56.0 | 172.16.56.1 - 172.16.63.254 | 172.16.63.255 |
| LIVRE | 172.16.64.0 | 172.16.64.1 - 172.16.71.254 | 172.16.71.255 |
| LIVRE | 172.16.72.0 | 172.16.72.1 - 172.16.79.254 | 172.16.79.255 |
| LIVRE | 172.16.80.0 | 172.16.80.1 - 172.16.87.254 | 172.16.87.255 |
| LIVRE | 172.16.88.0 | 172.16.88.1 - 172.16.95.254 | 172.16.95.255 |

**REDE FLORIANÓPOLIS – 10 Subnets**

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| --- | --- | --- | --- |
| **Tipo** | **Endereço de Rede** | **Faixa usável para Hosts** | **Endereço de Broadcast** |
| Ativos de Rede | 172.16.96.0 | 172.16.96.1 - 172.16.103.254 | 172.16.103.255 |
| Servidores | 172.16.104.0 | 172.16.104.1 - 172.16.111.254 | 172.16.111.255 |
| Impressoras | 172.16.112.0 | 172.16.112.1 - 172.16.119.254 | 172.16.119.255 |
| Access Points | 172.16.120.0 | 172.16.120.1 - 172.16.127.254 | 172.16.127.255 |
| Desktops | 172.16.128.0 | 172.16.128.1 - 172.16.135.254 | 172.16.135.255 |
| RESERVADO | 172.16.136.0 | 172.16.136.1 - 172.16.143.254 | 172.16.143.255 |
| RESERVADO | 172.16.144.0 | 172.16.144.1 - 172.16.151.254 | 172.16.151.255 |
| LIVRE | 172.16.152.0 | 172.16.152.1 - 172.16.159.254 | 172.16.159.255 |
| LIVRE | 172.16.160.0 | 172.16.160.1 - 172.16.167.254 | 172.16.167.255 |
| LIVRE | 172.16.168.0 | 172.16.168.1 - 172.16.175.254 | 172.16.175.255 |

**REDE PORTO ALEGRE – 10 Subnets**

|  |  |  |  |
| --- | --- | --- | --- |
| **Tipo** | **Endereço de Rede** | **Faixa usável para Hosts** | **Endereço de Broadcast** |
| Ativos de Rede | 172.16.176.0 | 172.16.176.1 - 172.16.183.254 | 172.16.183.255 |
| Servidores | 172.16.184.0 | 172.16.184.1 - 172.16.191.254 | 172.16.191.255 |
| Impressoras | 172.16.192.0 | 172.16.192.1 - 172.16.199.254 | 172.16.199.255 |
| Access Points | 172.16.200.0 | 172.16.200.1 - 172.16.207.254 | 172.16.207.255 |
| Desktops | 172.16.208.0 | 172.16.208.1 - 172.16.215.254 | 172.16.215.255 |
| RESERVADO | 172.16.216.0 | 172.16.216.1 - 172.16.223.254 | 172.16.223.255 |
| RESERVADO | 172.16.224.0 | 172.16.224.1 - 172.16.231.254 | 172.16.231.255 |
| LIVRE | 172.16.232.0 | 172.16.232.1 - 172.16.239.254 | 172.16.239.255 |
| LIVRE | 172.16.240.0 | 172.16.240.1 - 172.16.247.254 | 172.16.247.255 |
| LIVRE | 172.16.248.0 | 172.16.248.1 - 172.16.255.254 | 172.16.255.255 |