|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Dispositivo** | **Interfaz** | **Dirección IP** | **Máscara de subred** | **Default Gateway** |
| HOSPITAL | | | | |
| **PC1** | VLAN 20 | 172.19.20.7 | 255.255.255.0 | 172.19.20.1 |
| **PC2** | VLAN 20 | 172.19.20.8 | 255.255.255.0 | 172.19.20.1 |
| **PC3** | VLAN 50 | 172.19.50.7 | 255.255.255.0 | 172.19.50.1 |
| **PC4** | VLAN 50 | 172.19.50.8 | 255.255.255.0 | 172.19.50.1 |
| **IP Phone0** | VLAN 60 | 172.19.60.7 | 255.255.255.0 | 172.19.60.1 |
| **Printer0** | VLAN 55 | 172.19.55.7 | 255.255.255.0 | 172.19.55.1 |
| **Wireless Host\_Doctor** | VLAN 50 | 172.19.50.9 | 255.255.255.0 | 172.19.50.1 |
| **Wireless Patient2** | VLAN 20 | 172.19.20.9 | 255.255.255.0 | 172.19.20.1 |
| **Smartphone\_Patient1** | VLAN 20 | 172.19.20.10 | 255.255.255.0 | 172.19.20.1 |
| **SW1** | VLAN 99 | 172.19.99.2 | 255.255.255.0 | 172.19.99.1 |
| **SW2** | VLAN 99 | 172.19.99.3 | 255.255.255.0 | 172.19.99.1 |
| **MLS** | VLAN 99 | 172.19.99.4 | 255.255.255.0 | 172.19.99.1 |
| **DHCP\_Server** | VLAN 55 | 172.19.55.24 | 255.255.255.0 | 172.19.99.1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SOHO | | | | |
| **Tracker** | SOHO | 192.171.0.7 | 255.255.255.0 | 192.171.0.1 |
| **IoT1** | SOHO | 192.171.0.8 | 255.255.255.0 | 192.171.0.1 |
| **IoT2** | SOHO | 192.171.0.9 | 255.255.255.0 | 192.171.0.1 |
| **IoT3** | SOHO | 192.171.0.10 | 255.255.255.0 | 192.171.0.1 |
| **Laptop1** | SOHO | 192.171.0.11 | 255.255.255.0 | 192.171.0.1 |
| **PC\_OF1** | SOHO | 192.171.0.12 | 255.255.255.0 | 192.171.0.1 |
| **Printer\_OF** | SOHO | 192.171.0.13 | 255.255.255.0 | 192.171.0.1 |
| **Home Gateway0** | SOHO | 200.190.3.2 | 255.255.255.0 | 200.190.3.1 |

SERVIDORES

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Servidor DNS** | LAN | 209.174.54.5 | 255.255.255.0 | 209.174.54.1 |
| **Servidor Web** | LAN | 209.174.54.6 | 255.255.255.0 | 209.174.54.1 |
| **Servidor Tracker** | LAN | 209.174.54.7 | 255.255.255.0 | 209.174.54.1 |
| **SW0** | LAN | 209.174.54.2 | 255.255.255.0 | 209.174.54.1 |

**INTERNET**

ISP\_MOVIS

|  |  |  |  |
| --- | --- | --- | --- |
| **Puertos** | **Interfaz** | **IP Interfaz** | **Máscara de subred** |
| Fa0/0 | R\_HOME | 200.190.3.1 | 255.255.255.0 |
| S0/0/1/0 | ISP NET | 11.131.5.1 | 255.255.255.252 |
| S0/1/1 | ISP CLARO | 11.131.5.5 | 255.255.255.252 |

ISP\_NET

|  |  |  |  |
| --- | --- | --- | --- |
| **Puertos** | **Interfaz** | **IP Interfaz** | **Máscara de subred** |
| Fa0/0 | LAN Servers | 209.174.54.1 | 255.255.255.0 |
| S0/3/0 | ISP MOVIS | 11.131.5.2 | 255.255.255.252 |
| S0/3/1 | ISP CLARO | 11.131.5.10 | 255.255.255.252 |

ISP\_CLARO

|  |  |  |  |
| --- | --- | --- | --- |
| **Puertos** | **Interfaz** | **IP Interfaz** | **Máscara de subred** |
| S0/2/0 | R\_HOSP | 161.130.4.1 | 255.255.255.252 |
| S0/2/1 | ISP\_NET | 11.131.5.9 | 255.255.255.252 |
| S0/3/0 | ISP MOVIS | 11.132.5.6 | 255.255.255.252 |

R\_HOSP

|  |  |  |  |
| --- | --- | --- | --- |
| **Puertos** | **Interfaz** | **IP Interfaz** | **Máscara de subred** |
| S0/2/0 | ISP CLARO | 161.130.4.2 | 255.255.255.252 |

VLANs

|  |  |  |  |
| --- | --- | --- | --- |
| **Puertos** | **Asignación** | **Id. Red** | **Dispositivos** |
| Fa0/1-2-0/6 , Gig0/1-2 | Enlaces troncales 802.1q (VLAN 99 nativa) | 172.19.99.0/24 | N/A |
| Fa0/7-0/10 | VLAN 20: Guest | 172.19.20.0/24 | PC\_1, PC\_2, Wireless Patient2,  Smartphone\_Patient1 |
| Fa0/11-0/15 | VLAN 50: Internal | 172.19.50.0/24 | PC\_3, PC\_4, Wireless Host\_Doctor |
| Fa0/16-0/20 | VLAN 55: Server, Printer | 172.19.55.0/24 | DHCP\_Server, Printer0 |
| Fa0/21-0/24 | VLAN 60: VOIP | 172.19.60.0/24 | IP Iphone0 |