|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Interface | Network | First | Last | Broadcast | Mask |
| HQ (Fa0/0) | 192.168.0.128 | 192.168.0.129 | 192.168.0.158 | 192.168.0.159 | 255.255.255.224 |
| HQ (Fa0/1) | 192.168.0.160 | 192.168.0.161 | 192.168.0.190 | 192.168.0.191 | 255.255.255.224 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Interface | Network | First | Last | Broadcast | Mask |
| B1(Fa0/0) | 192.168.1.0 | 192.168.1.1 | 192.168.1.62 | 192.168.1.63 | 255.255.255.192 |
| B1(Fa0/1) | 192.168.1.64 | 192.168.1.65 | 192.168.1.126 | 192.168.1.127 | 255.255.255.192 |
| B1(Fa1/0) | 192.168.1.128 | 192.168.1.129 | 192.168.1.190 | 192.168.1.191 | 255.255.255.192 |
| B1(Fa1/1) | 192.168.1.192 | 192.168.1.193 | 192.168.1.254 | 192.168.1.255 | 255.255.255.192 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Interface | Network | First | Last | Broadcast | Mask |
| B2(Fa0/0) | 172.16.0.0 | 172.16.0.1 | 172.16.3.254 | 172.16.3.255 | 255.255.252.0 |
| B2(Fa0/1) | 172.16.4.0 | 172.16.4.1 | 172.16.7.254 | 172.16.7.255 | 255.255.252.0 |
| B2(Fa1/0) | 172.16.8.0 | 172.16.8.1 | 172.16.11.254 | 172.16.11.255 | 255.255.252.0 |
| B2(Fa1/1) | 172.16.12.0 | 172.16.12.1 | 172.16.15.254 | 172.16.15.255 | 255.255.252.0 |

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| --- | --- | --- | --- | --- | --- |
| Interface | Network | First | Last | Broadcast | Mask |
| B3(Fa0/0) | 172.20.0.0 | 172.20.0.1 | 172.20.31.254 | 172.16.31.255 | 255.255.224.0 |
| B3(Fa0/1) | 172.20.32.0 | 172.20.32.1 | 172.20.63.254 | 172.20.63.255 | 255.255.224.0 |
| B3(Fa1/0) | 172.20.64.0 | 172.20.64.1 | 172.20.95.254 | 172.20.95.255 | 255.255.224.0 |
| B3(Fa1/1) | 172.20.96.0 | 172.20.96.1 | 172.20.19.254 | 172.20.127.255 | 255.255.224.0 |

| **Device** | **Interface** | **IP Address** | **Subnet Mask** |
| --- | --- | --- | --- |
| HQ | Fa0/0 | **192.168.0.129** | **255.255.255.224** |
| Fa0/1 | **192.168.0.161** | **255.255.255.224** |
| S0/0/0 | 10.0.0.1 | 255.255.255.252 |
| S0/0/1 | 10.0.0.5 | 255.255.255.252 |
| S0/1/0 | 10.0.0.9 | 255.255.255.252 |
| S0/1/1 | 209.165.201.2 | 255.255.255.252 |
| B1 | Fa0/0 | **192.168.1.1** | **255.255.255.192** |
| Fa0/1 | **192.168.1.65** | **255.255.255.192** |
| Fa1/0 | **192.168.1.129** | **255.255.255.192** |
| Fa1/1 | **192.168.1.193** | **255.255.255.192** |
| S0/0/0 | 10.0.0.2 | 255.255.255.252 |
| B2 | Fa0/0 | **172.16.0.1** | **255.255.252.0** |
| Fa0/1 | **172.16.4.1** | **255.255.252.0** |
| Fa1/0 | **172.16.8.1** | **255.255.252.0** |
| Fa1/1 | **172.16.12.1** | **255.255.252.0** |
| S0/0/0 | 10.0.0.6 | 255.255.255.252 |
| B3 | Fa0/0 | **172.20.0.1** | **255.255.224.0** |
| Fa0/1 | **172.20.32.1** | **255.255.224.0** |
| Fa1/0 | **172.20.64.1** | **255.255.224.0** |
| Fa1/1 | **172.20.96.1** | **255.255.224.0** |
| S0/0/0 | 10.0.0.10 | 255.255.255.252 |
| ISP | S0/0/0 | 209.165.201.1 | 255.255.255.252 |
| Fa0/0 | 209.165.200.225 | 255.255.255.252 |
| Web Server | NIC | 209.165.200.226 | 255.255.255.252 |