| **Subnet Description** | **Number of Hosts Needed** | **Network Address /CIDR** | **First Host Address** | **Broadcast Address** |
| --- | --- | --- | --- | --- |
| BR1 LAN | 40 | 192.168.33.128/26 | 192.168.33.129 | 192.168.33.191 |
| BR2 LAN | 25 | 192.168.33.192/27 | 192.168.33.193 | 192.168.33.223 |
| BR2 IoT LAN | 5 | 192.168.33.224/29 | 192.168.33.225 | 192.168.33.231 |
| BR2 CCTV LAN | 4 | 192.168.33.232/29 | 192.168.33.233 | 192.168.33.239 |
| BR2 HVAC C2LAN | 4 | 192.168.33.240/29 | 192.168.33.241 | 192.168.33.247 |
| BR1-BR2 Link | 2 | 192.168.33.248/30 | 192.168.33.249 | 192.168.33.251 |

*Blank Line - no additional information*

| **Device** | **Interface** | **IP Address** | **Subnet Mask** | **Device Interface** |
| --- | --- | --- | --- | --- |
| BR1 | G0/0/0 | 192.168.33.249 | 255.255.255.252 | BR1-BR2 Link |
|  | G0/0/1 | 192.168.33.129 | 255.255.255.192 | 40 Host LAN |
| BR2 | G0/0/0 | 192.168.33.250 | 255.255.255.252 | BR1-BR2 Link |
|  | G0/0/1 | 192.168.33.193 | 255.255.255.224 | 25 Host LAN |

*Blank Line - no additional information*