**📌 Total Available Network: 192.168.2.0/24 (256 IPs)**

| **LAN** | **Hosts Needed** | **+2 (Network & Broadcast)** | **Required IPs** | **Nearest Subnet** | **Subnet Mask** | **Subnet Range** |
| --- | --- | --- | --- | --- | --- | --- |
| **MSIS LAN A** | 102 | 104 | 128 | /25 | 255.255.255.128 | 192.168.2.0 – 192.168.2.127 |
| **MIT LAN A** | 28 | 30 | 32 | /27 | 255.255.255.224 | 192.168.2.128 – 192.168.2.159 |
| **MSIS LAN B** | 13 | 15 | 16 | /28 | 255.255.255.240 | 192.168.2.160 – 192.168.2.175 |
| **MSIS LAN C** | 6 | 8 | 8 | /29 | 255.255.255.248 | 192.168.2.176 – 192.168.2.183 |