Perfect! Now that you're working with a larger block — **`192.168.0.0/24`** — you've got **256 total IPs** (254 usable), which is plenty of room to allocate subnets for:

- 40 users
- 20 users
- 15 users

Let's design the best subnet plan using **VLSM (Variable Length Subnet Masking)** to minimize IP waste.

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1. 40 Users

Needs: **/26**

- 62 usable IPs
- **Subnet**: `192.168.0.0/26`
- **Usable IPs**: `192.168.0.1 – 192.168.0.62`
- **Broadcast**: `192.168.0.63`

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2. 20 Users

Needs: **/27**

- 30 usable IPs
- **Subnet**: `192.168.0.64/27`
- **Usable IPs**: `192.168.0.65 – 192.168.0.94`
- **Broadcast**: `192.168.0.95`

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3. 15 Users

Technically needs 15 usable IPs, so you'd think /28 (14 usable), but **that's not enough**. So use another **/27**:

- **Subnet**: `192.168.0.96/27`
- **Usable IPs**: `192.168.0.97 – 192.168.0.126`
- **Broadcast**: `192.168.0.127`
