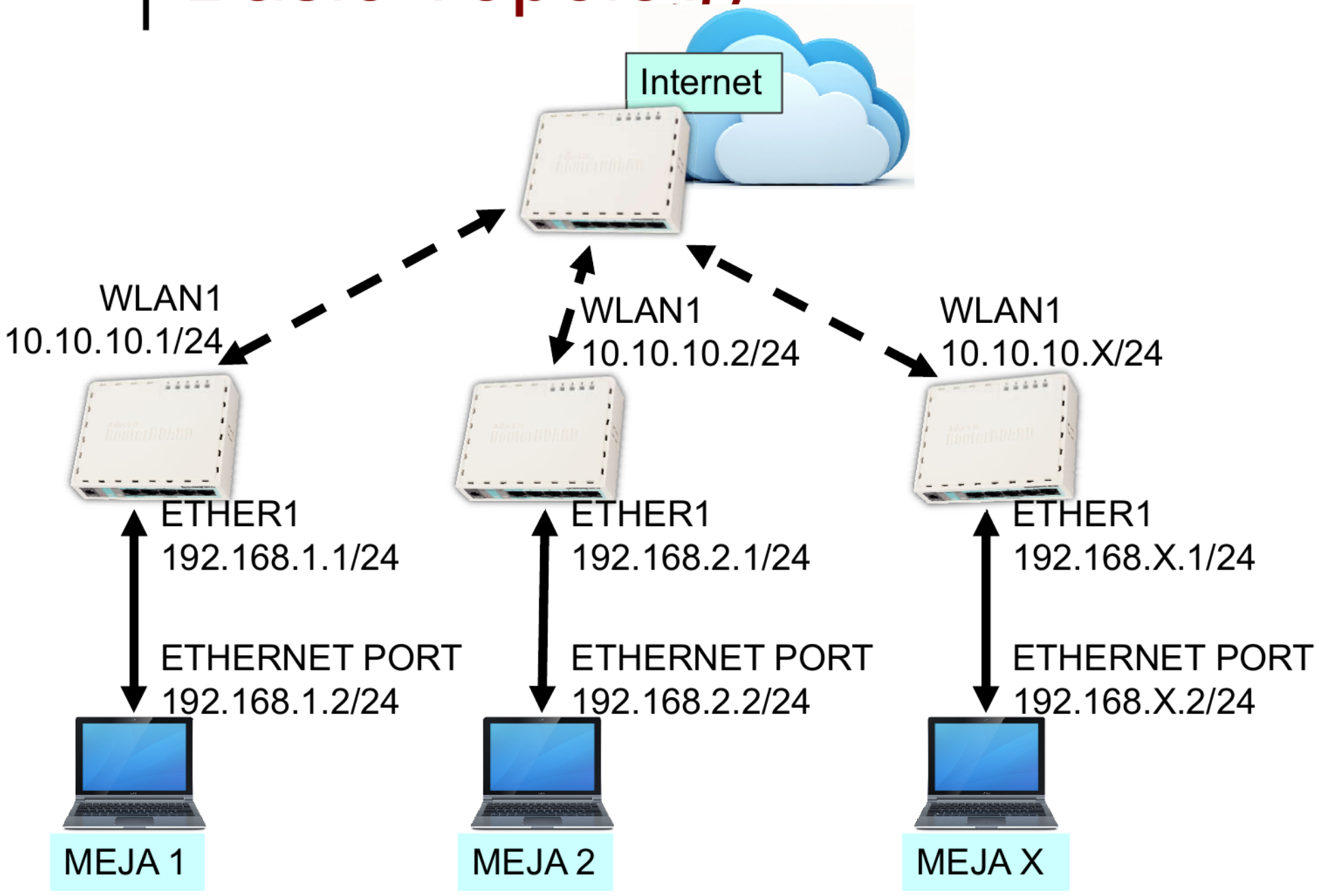
Basic Topology



IP Configuration

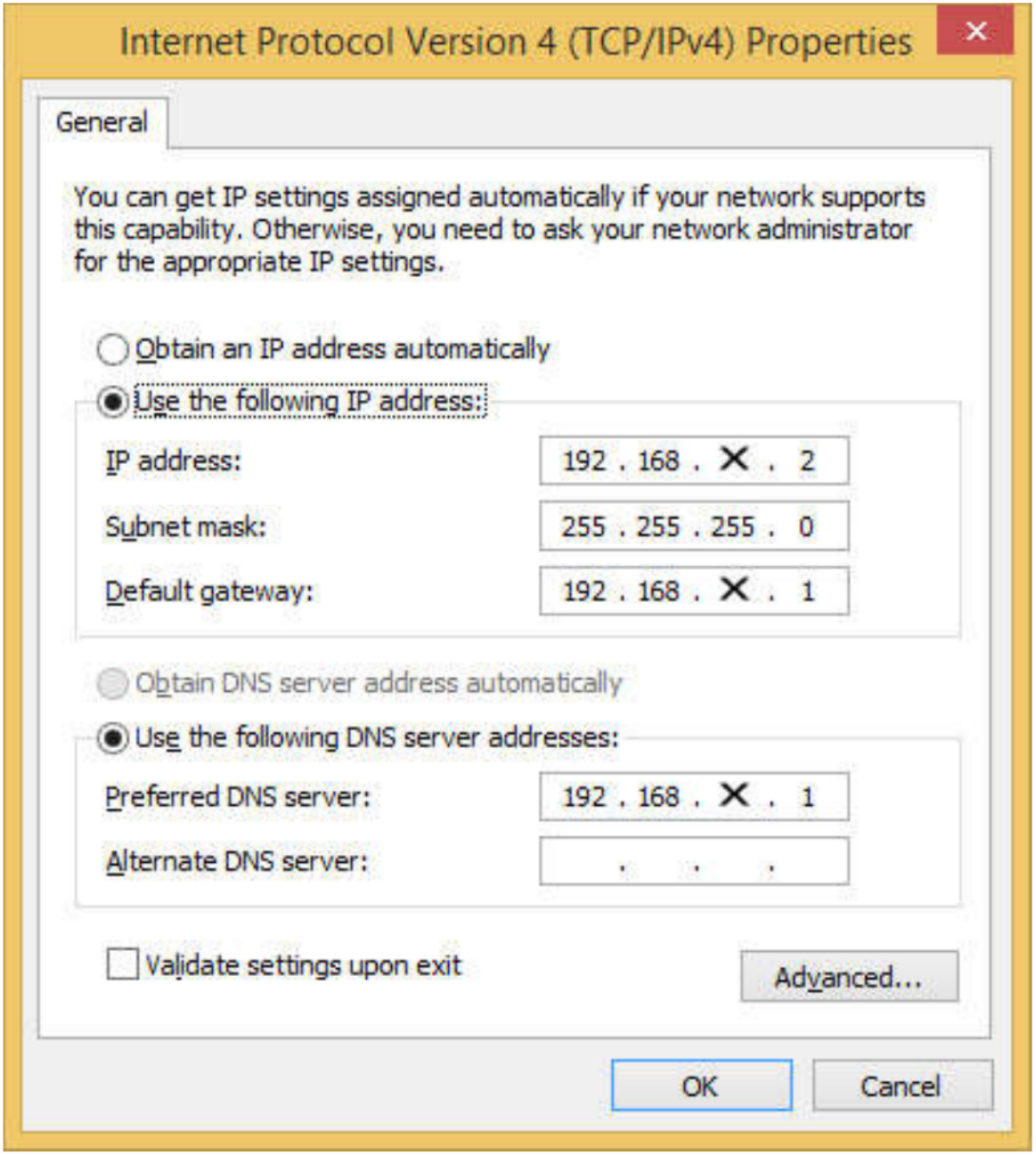
Lab-1 adalah sebuah simulasi konfigurasi dasar sebuah Router Mikrotik yang akan digunakan di jaringan local seperti **Warnet**, **Office**, **Kampus** atau bahkan di **RT/RW-NET**

X = nomor peserta

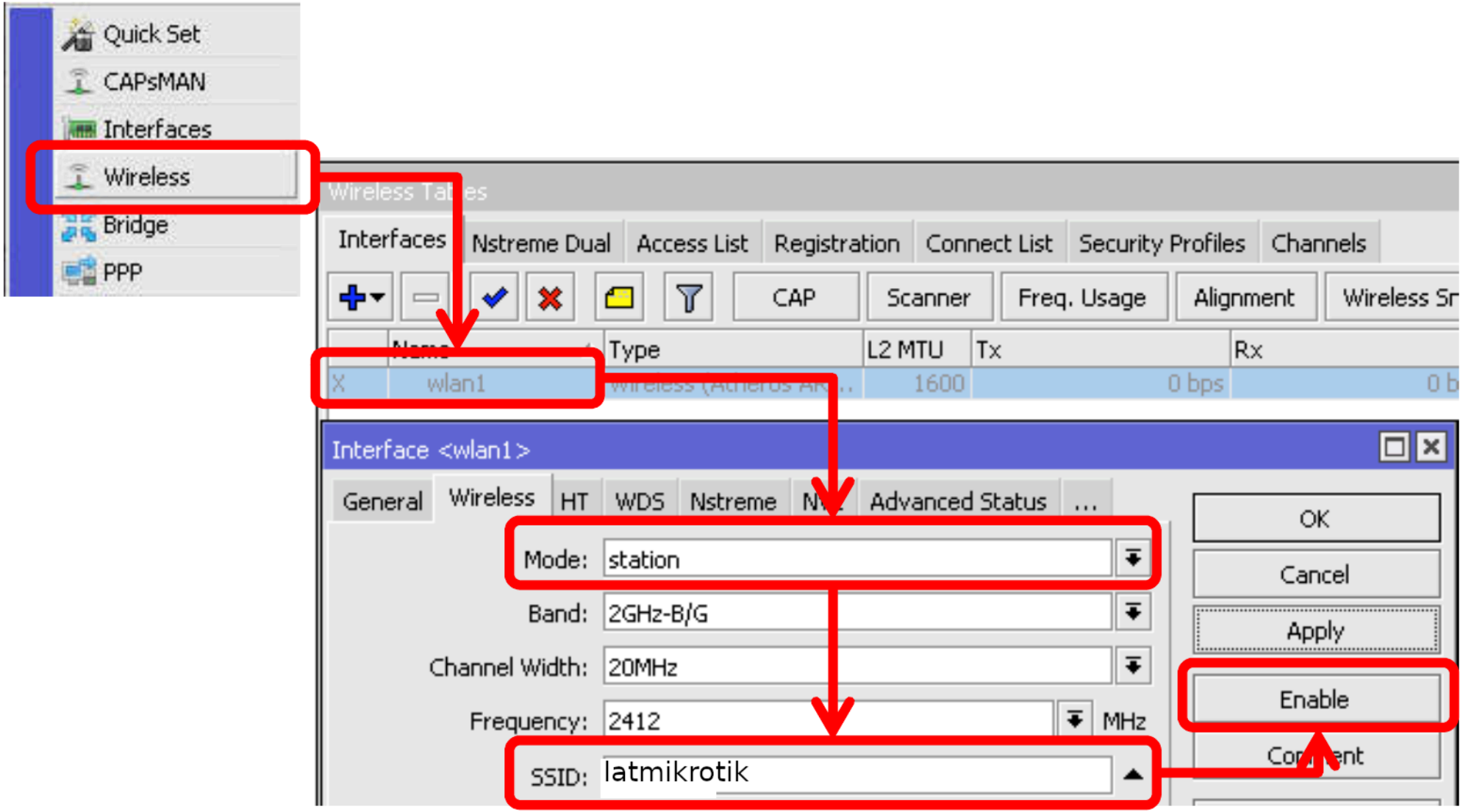
- Routerboard Setting
  - WAN IP : 10.10.10.**x**/24
  - Gateway : 10.10.10.100
  - LAN IP : 192.168.**x**.1/24
  - DNS : 8.8.8.8
  - Src-NAT and DNS Server
- Laptop Setting
  - IP Address : 192.168.**x**.2/24
  - Gateway : 192.168.**x**.1
  - DNS : 192.168.**x**.1

[LAB-1] Connect to Router

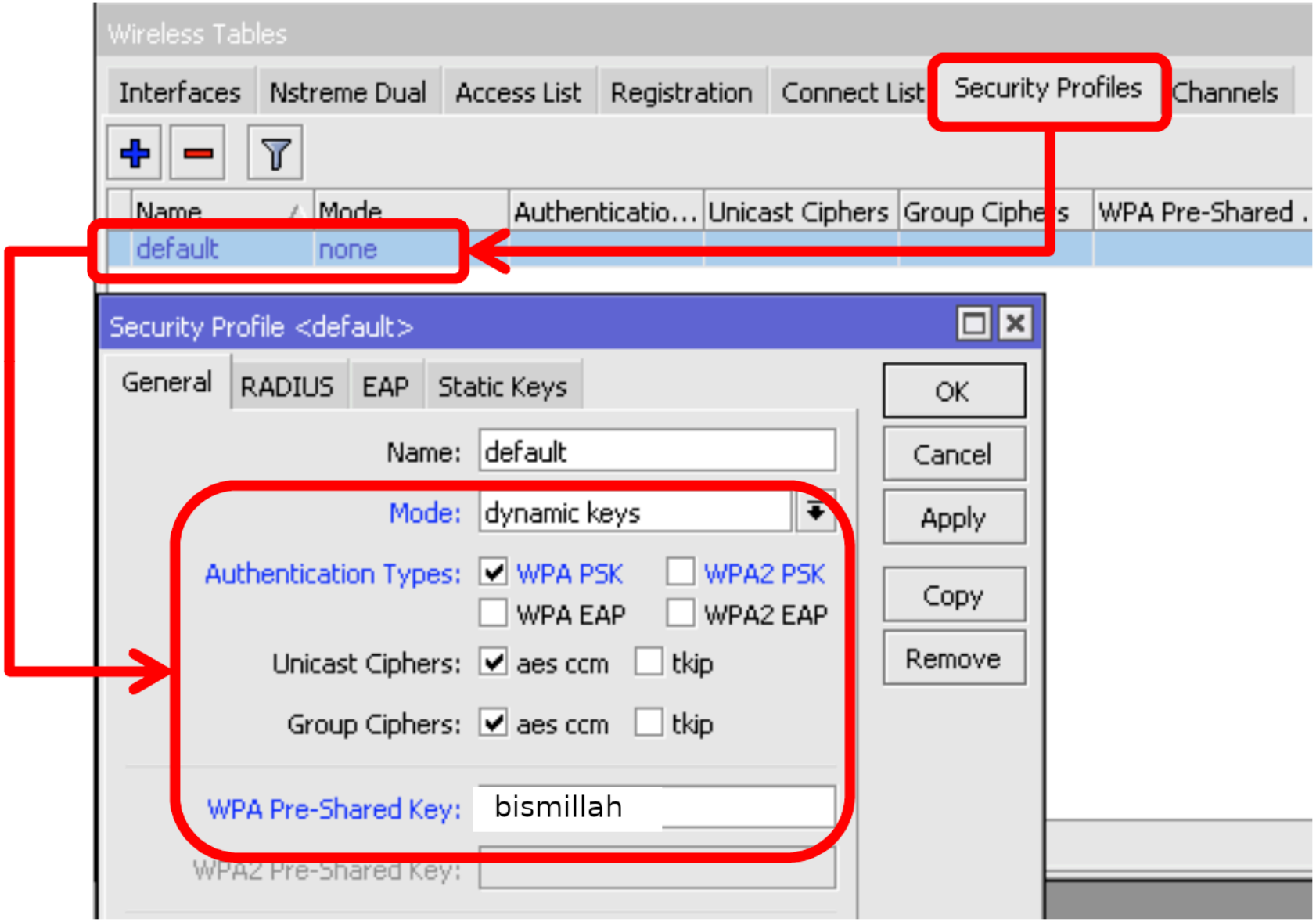
1. Matikan Wireless dan Interface selain Ethernet (LAN) pada laptop
2. Setting IP Manual pada laptop
3. Remote router dengan MAC winbox



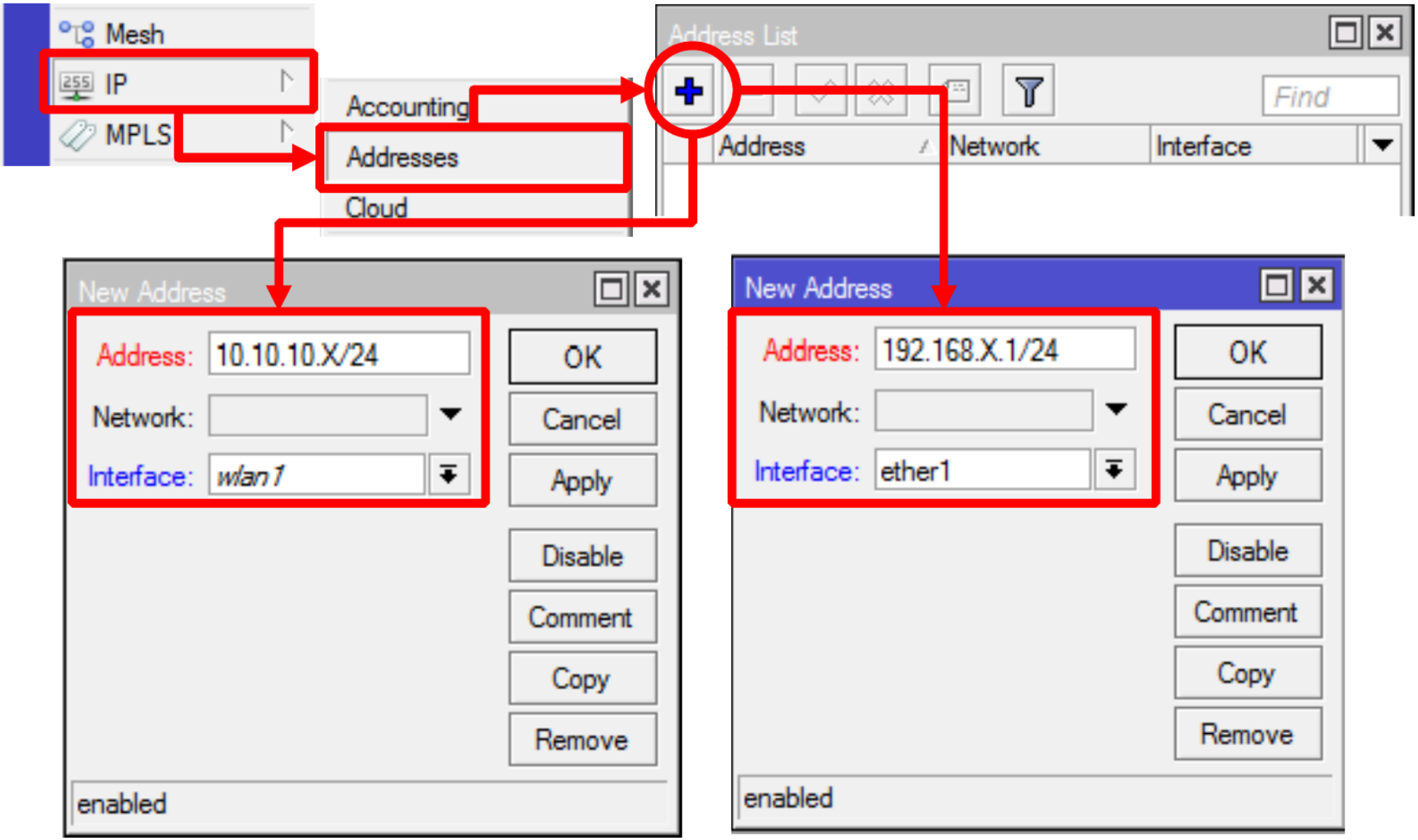
[LAB-2]Connect to AP



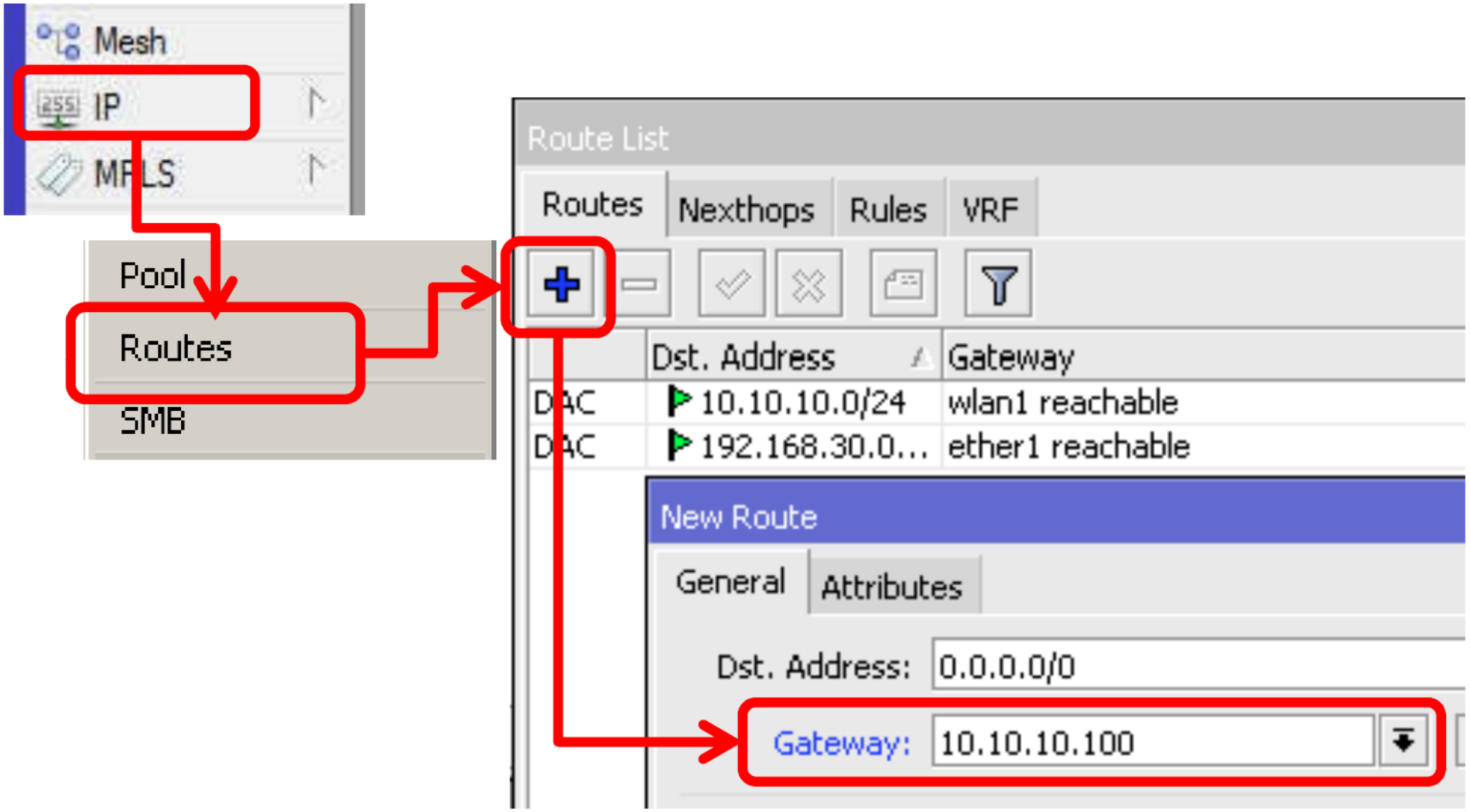
[LAB-2]Connect to AP*opt



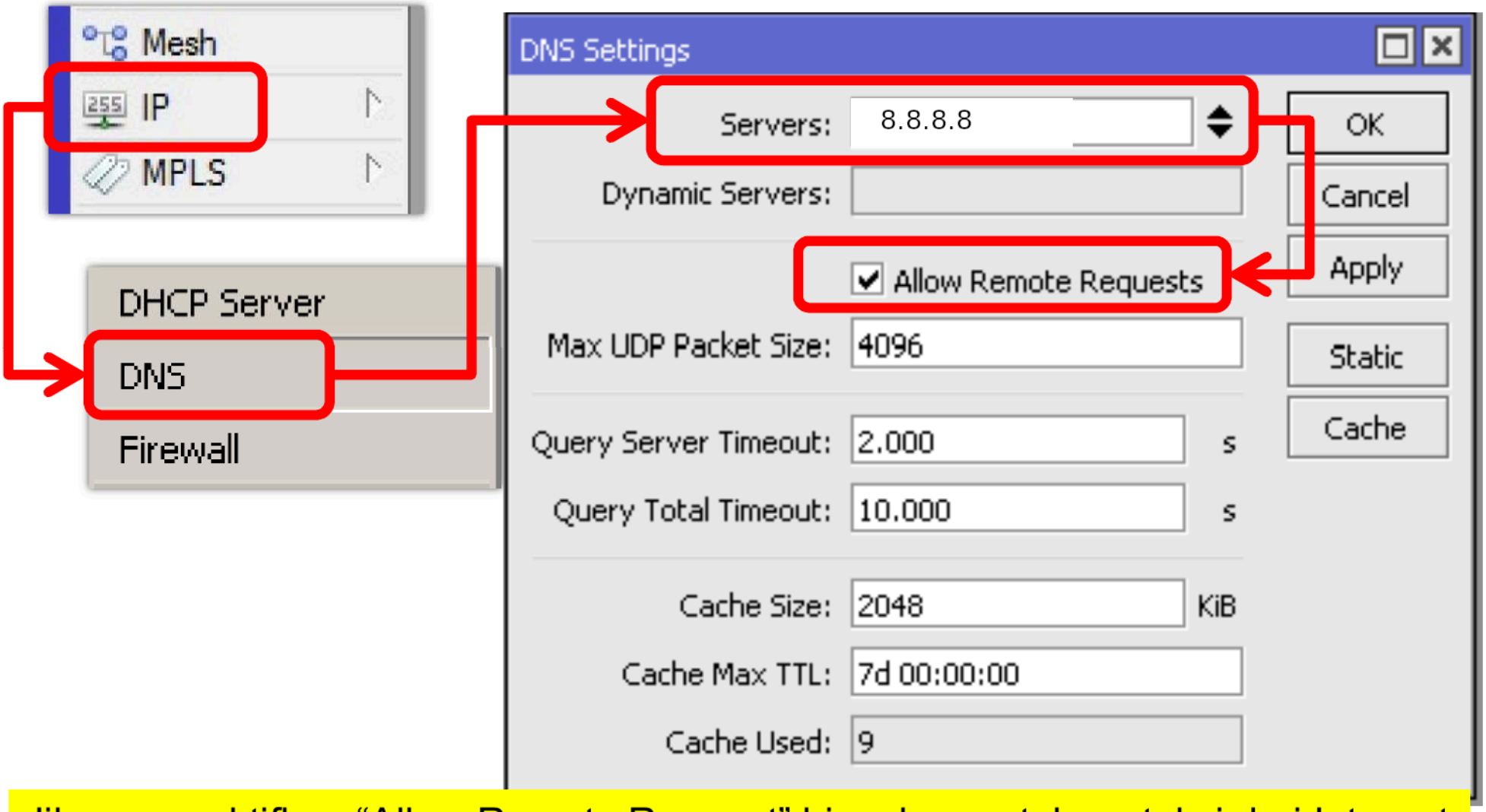
[LAB-3]IP Setting



[LAB-4]Default Gateway

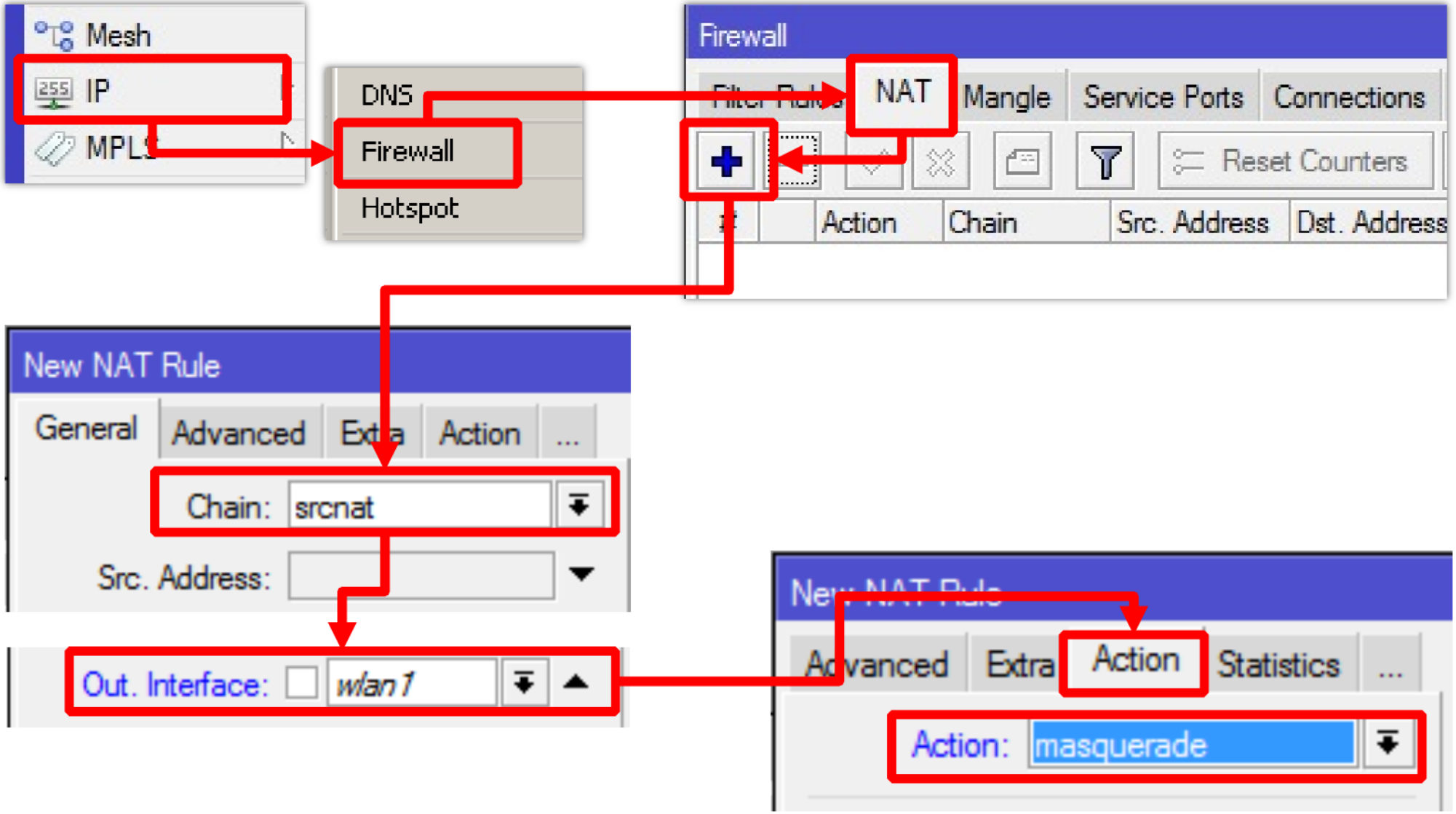


[LAB-5]DNS Config



Jika mengaktifkan “Allow Remote Request” biasakan untuk proteksi dari Internet

[LAB-6]Masquerade



Troubleshoot

- Test ping dari **Router** ke **Gateway** (10.10.10.100)
  - Jika error : Cek Wireless connection, Cek IP Address pada wlan1
- Test ping dari **Router** ke **Internet** (contoh: yahoo.com)
  - Jika error : Cek DNS Server Setting
- Test ping dari **Laptop** ke **Router** Anda (10.10.10.x)
  - Jika error : Cek konfigurasi laptop, Cek IP Address pada Ether1
- Test ping dari **Laptop** ke **Gateway** (10.10.10.100)
  - Jika error : Cek Firewall - NAT
- Test ping dari **Laptop** ke **Internet** (contoh: yahoo.com)
  - Jika error : Cek setting DNS pada laptop dan router

- Cek koneksi Laptop secara menyeluruh (browsing, chatting, download,dsb)