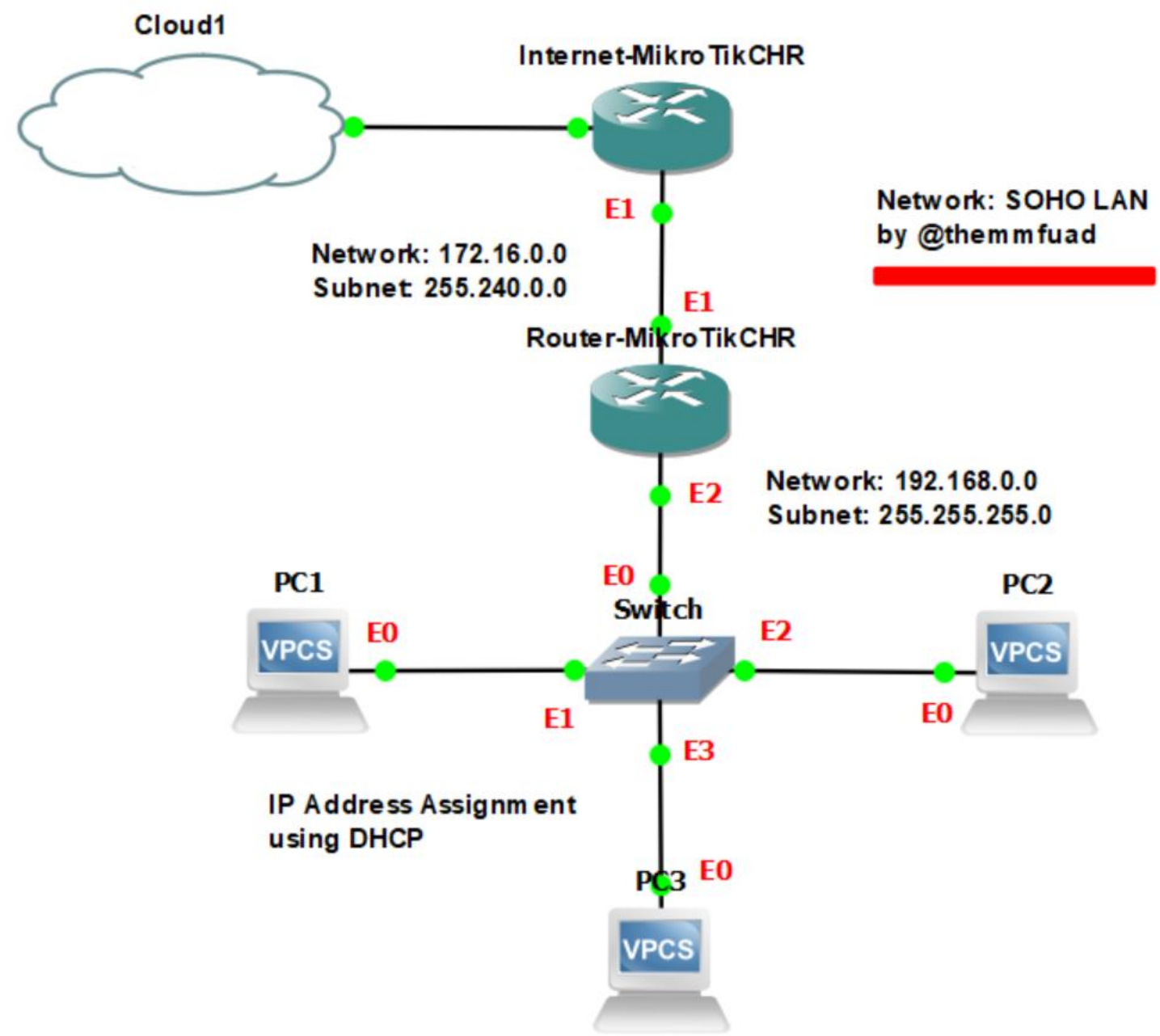


# SOHO LAN (MTCNAPP2) by @themmfuad

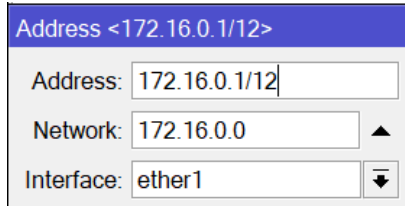


## # SOHO LAN (MTCNAPP2) by @themmfuad

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### STEP-1: Setting up the device "Internet-MikroTikCHR"

- Go to IP -> Addresses
- Click on "Add" button and put these details



A screenshot of the MikroTik WinBox 'Add' window for IP addresses. The window has a blue title bar that says 'Address <172.16.0.1/12>'. Below the title bar, there are three input fields: 'Address:' with the value '172.16.0.1/12', 'Network:' with the value '172.16.0.0', and 'Interface:' with the value 'ether1'. Each field has a small arrow icon to its right, indicating it's a dropdown or searchable field.

### STEP-2: Setting up the device "Router-MikroTikCHR"

- Same as step one just change the IP Address to 172.16.0.2/12

### STEP-3: Setting up the DHCP server at "Router-MikroTikCHR"

- Create the IP pool for the DHCP server, go to "IP -> Pool -> Add" and put the details as below:  
Name: RouterDHCP-POOL, Addresses: 192.168.0.1-192.168.0.254
- Add IP address: "192.168.0.1/24" & Network: "192.168.0.0" to "Ether2" interface
- Go to "IP -> DHCP Server -> Add" and put the details below:  
Name: RouterDHCP, Interface: ether2, Lease Time: 30d 00:00:00, Address Pool: RouterDHCP-POOL
- Go to the "Networks" Tab and put details: Address: 192.168.0.0/24, Gateway: 192.168.0.1, Netmask: 24

**STEP-4:** Get the IP address for the PCs, go to the console, run the command "dhcp" to get the IP address, and check using the command "show ip".

**STEP-5:** Set the Route to the "192.168.0.0/24" network in "Internet-MikroTikCHR" Go to "IP -> Routes -> Add" and put details: "Dst. Address: 192.168.0.0/24, Gateway: 172.16.0.2"