

Tugas CHR Mikrotik

1. Konfigurasi IP Mikrotik

- IP Address di ether1: Menuju ke Internet (IP Address PeTIK) – 192.168.4.217/24 (DHCP-Client)
- IP Address di ether2: Menuju ke Client (IP Address LAN) – 192.168.88.1/24 (Static)
- IP Address di ether3: Menuju ke Client (IP Address LAN) – 192.168.104.1/24 (Static)

Buka Menu → **Klik IP** → **Addresses**

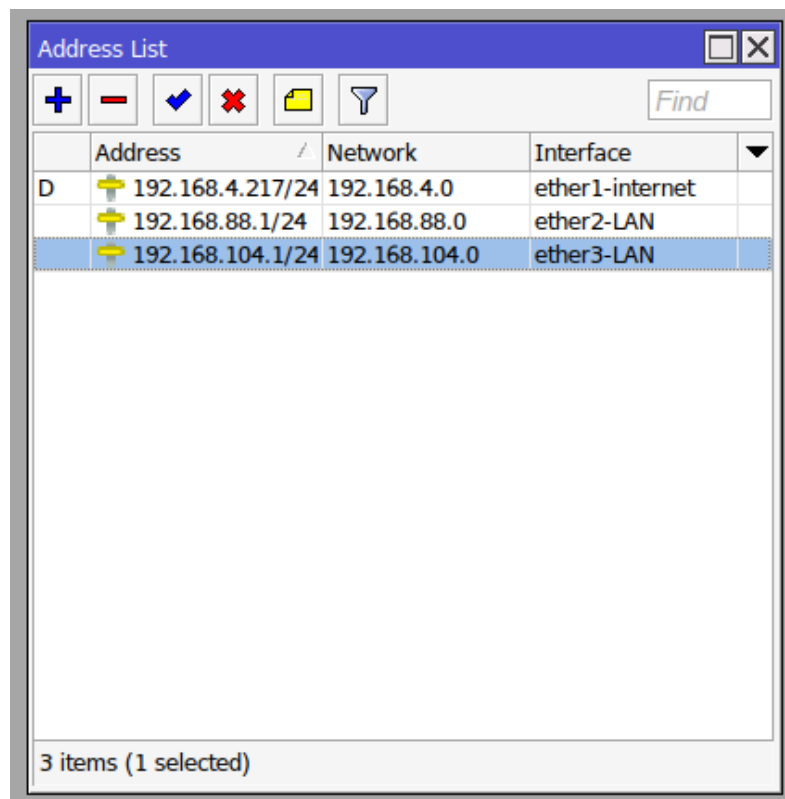
Klik "+" (Add New Address)

Isi kolom:

- **Address:** Masukkan IP → 192.168.88.1/24
- **Interface:** Pilih interface yang digunakan, contoh → ether2-LAN
- **Address:** Masukkan IP → 192.168.104.1/24
- **Interface:** Pilih interface yang digunakan, contoh → ether3-LAN

Klik Apply → **Klik OK**

Cek apakah IP berhasil ditambahkan



	Address	Network	Interface
D	192.168.4.217/24	192.168.4.0	ether1-internet
	192.168.88.1/24	192.168.88.0	ether2-LAN
	192.168.104.1/24	192.168.104.0	ether3-LAN

3 items (1 selected)

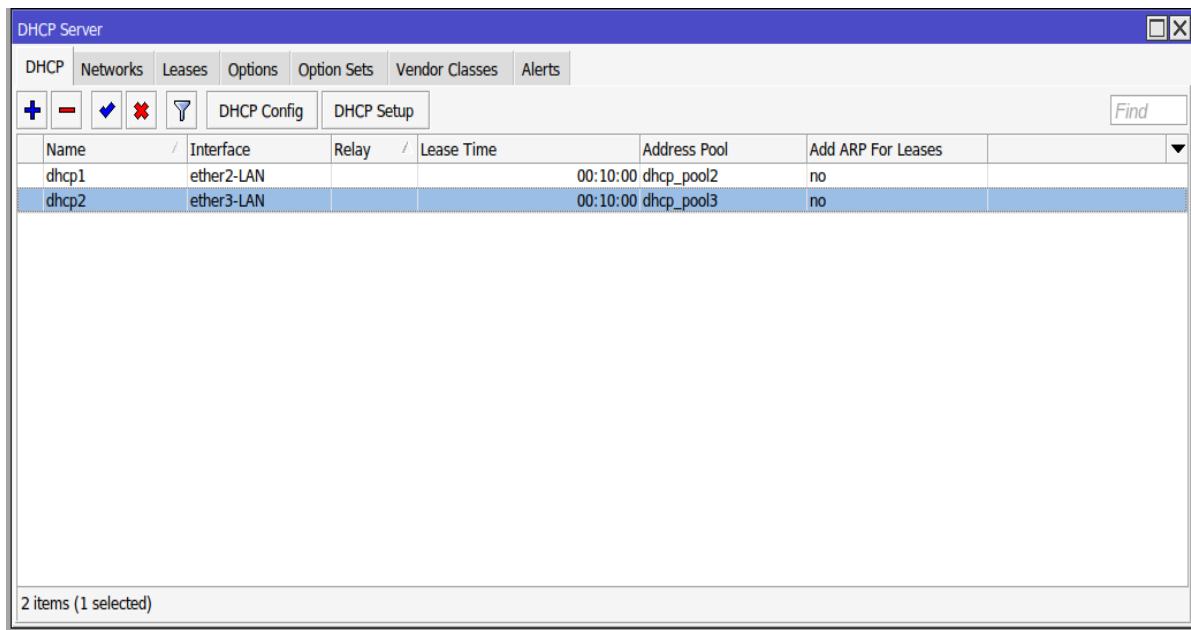
2. Konfigurasi DHCP Server di ether2 & ether3

Buat DHCP Server untuk ether2

1. Masuk ke menu → IP → DHCP Server
2. Klik "DHCP Setup"
3. Pilih Interface: ether2 → Klik Next
4. Masukkan Network Address: 192.168.88.0/24 → Klik Next
5. Masukkan Gateway (Router IP untuk Klien): 192.168.88.1 → Klik Next
6. Masukkan DHCP Pool (Range IP yang diberikan ke klien): 192.168.88.2 - 192.168.88.254 → Klik Next
7. Masukkan DNS Server: 8.8.8.8 (Google DNS) → Klik Next
8. Lease Time: Biarkan default (00:10:00 atau lebih) → Klik Next
9. Selesai!

Buat DHCP Server untuk ether3

1. Masuk ke menu → IP → DHCP Server
2. Klik "DHCP Setup"
3. Pilih Interface: ether3 → Klik Next
4. Masukkan Network Address: 192.168.104.0/24 → Klik Next
5. Masukkan Gateway (Router IP untuk Klien): 192.168.104.1 → Klik Next
6. Masukkan DHCP Pool (Range IP yang diberikan ke klien): 192.168.104.2 - 192.168.104.254 → Klik Next
7. Masukkan DNS Server: 8.8.8.8 (Google DNS) → Klik Next
8. Lease Time: Biarkan default (00:10:00 atau lebih) → Klik Next
9. Selesai!



*DHCP Server.

3. Konfigurasi Internet Connection Sharing

```

xterm
t qlen 1000
  link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
  inet 127.0.0.1/8 scope host lo
    valid_lft forever preferred_lft forever
  inet6 ::1/128 scope host noprefixroute
    valid_lft forever preferred_lft forever
2: ip6tnl0@NONE: <NOARP> mtu 1452 qdisc noop state DOWN group default qlen 1000
  link/tunnel6 :: brd :: permaddr 9e53:75d5:bb0b::
3: enp0s3: <BROADCAST,MULTICAST,DYNAMIC,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast s
tate UP group default qlen 1000
  link/ether 08:00:27:7b:96:f0 brd ff:ff:ff:ff:ff:ff
  inet 192.168.104.19/24 brd 192.168.104.255 scope global enp0s3
    valid_lft forever preferred_lft forever
  inet6 fe80::a00:27ff:fe7b:96f0/64 scope link
    valid_lft forever preferred_lft forever
root@slax:~# ping 8.8.8.8
PING 8.8.8.8 (8.8.8.8) 56(84) bytes of data.
64 bytes from 8.8.8.8: icmp_seq=1 ttl=245 time=16.5 ms
64 bytes from 8.8.8.8: icmp_seq=2 ttl=245 time=15.9 ms
^C
--- 8.8.8.8 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1000ms
rtt min/avg/max/mdev = 15.902/16.181/16.460/0.279 ms
root@slax:~#

```

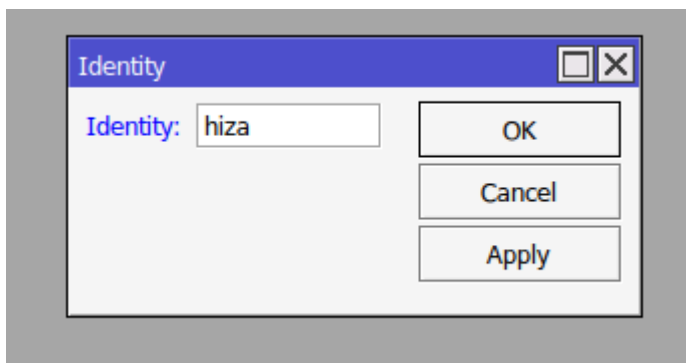
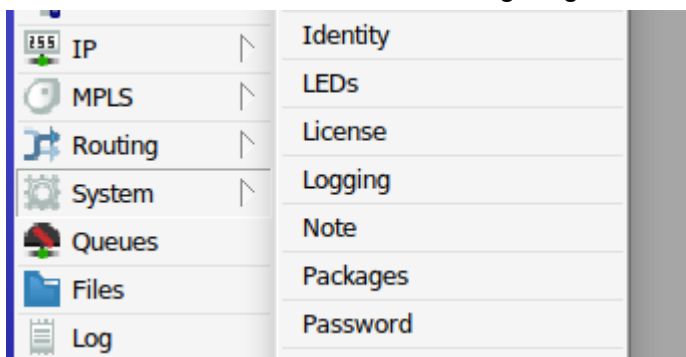
Catatan:

Aktifkan NAT Masquerade (Agar ether3 Bisa Internet)

1. Masuk ke menu → IP → Firewall
2. Buka tab NAT
3. Klik "+" (Add New Rule)
4. Pada tab **General**:
 - **Chain**: **srcnat**
 - **Out Interface**: Pilih **ether3**
5. Pindah ke tab **Action**:
 - **Action**: Pilih **masquerade**
6. Klik **Apply** → **OK**

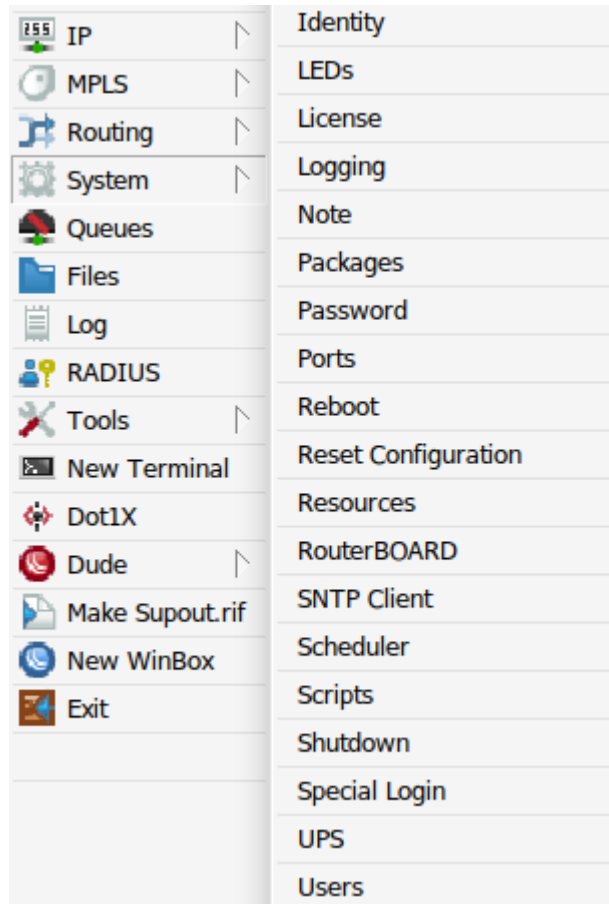
4. Konfigurasi Identity

1. Masuk ke menu → System → Identity
2. Pada kolom "**Identity**", ganti dengan **nama yang diinginkan (hiza)**
3. Klik **Apply** → Klik **OK**
4. **Selesai!** Nama router akan langsung berubah dan terlihat di Winbox.



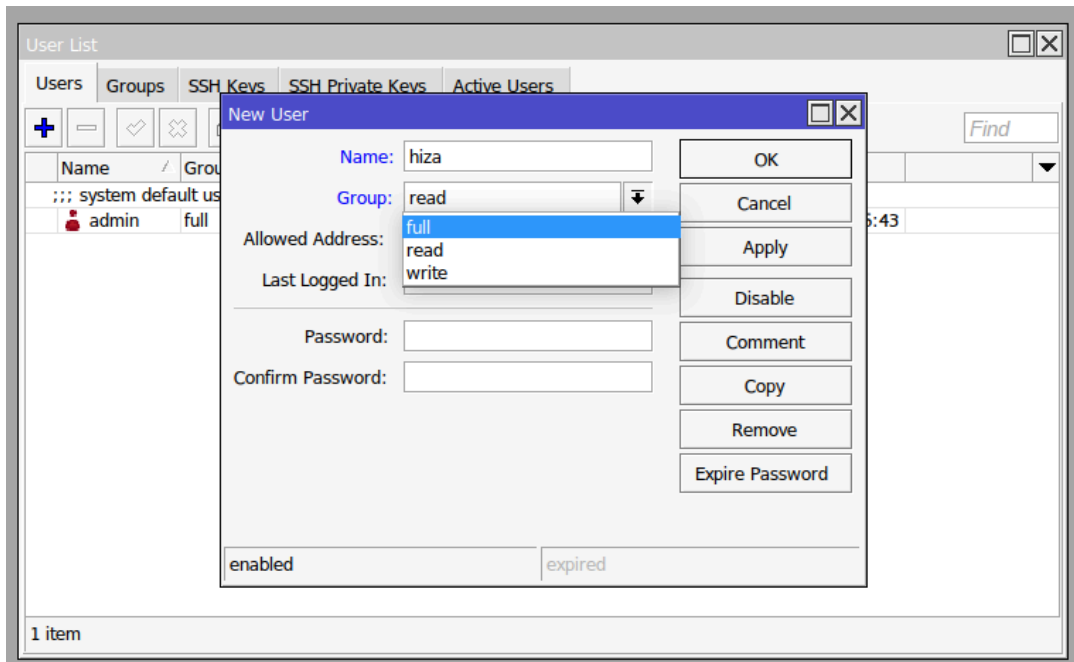
5. Konfigurasi user

- Buat user sesuai nama masing-masing dengan privilege full
- Buat user dengan nama teman dengan privilege read



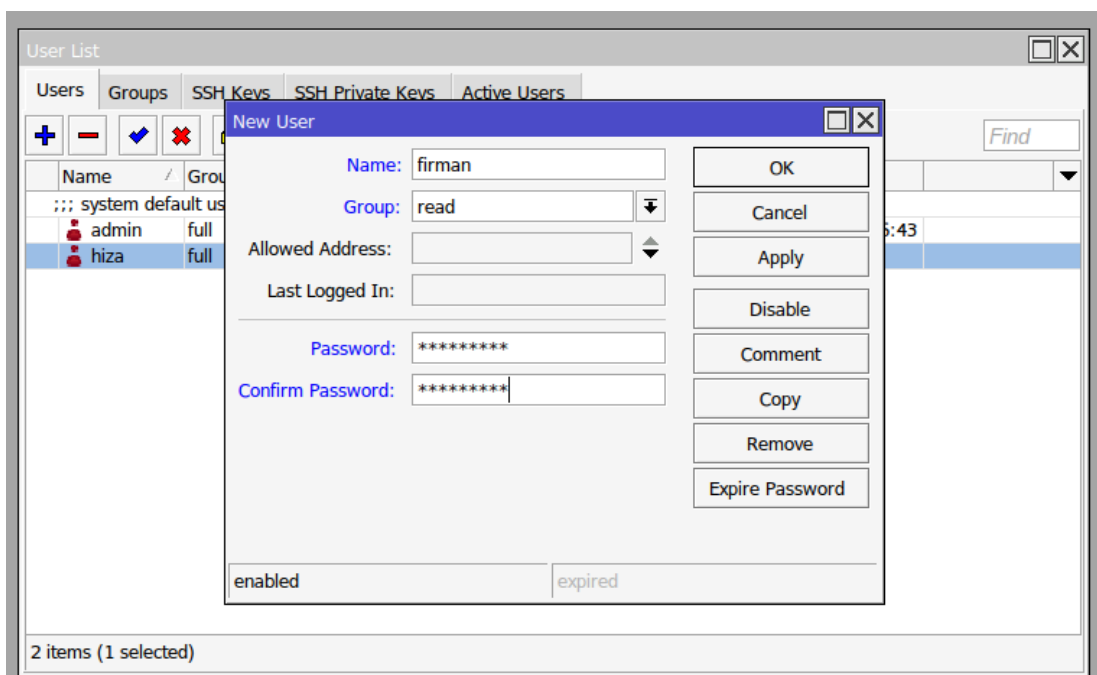
✓ 1 Buat User dengan Privilege Full

1. **Buka Winbox** → Masuk ke **System** → **Users**
2. Klik **"+" (Add New User)**
3. Pada kolom **Name**, isi dengan **nama hiza**
4. Pada kolom **Group**, pilih **full**
5. masukkan password
6. Klik **Apply** → Klik **OK**



✓ 2 Buat User dengan Privilege Read

1. Masih di menu → System → Users
2. Klik "+" (Add New User)
3. Pada kolom Name, isi dengan nama firman
4. Pada kolom Group, pilih read
5. Masukkan password
6. Klik Apply → Klik OK






Lihat lah Hasilnya :

User List

UsersGroupsSSH KeysSSH Private KeysActive Users

AAA

Find

Name /	Group	Allowed Address	Last Logged In	
;;; system default user				
 admin	full		Feb/19/2025 17:36:43	
 firman	read			
 hiza	full			

3 items (1 selected)