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## MIKROTIK 1

### Konfigurasi DHCP client

#### - DHCP

The screenshot shows the 'DHCP Client <ether2(internet)>' configuration window in Mikrotik WinBox. The window has a title bar with standard window controls. Inside, there are two tabs: 'DHCP' and 'Status'. The 'DHCP' tab is active, showing the following settings:

- Interface: ether2(internet) (dropdown menu)
- ☒ Use Peer DNS
- ☒ Use Peer NTP
- DHCP Options: hostname (dropdown menu) and clientid (dropdown menu)
- Add Default Route: yes (dropdown menu)
- Default Route Distance: 0 (text input)

On the right side of the window, there is a vertical stack of buttons: OK, Cancel, Apply, Disable, Comment, Copy, Remove, Release, and Renew. At the bottom of the window, there is a status bar showing 'enabled' and 'Status: bound'.

- Status

DHCP Client <ether2(internet)>

DHCP	Status	OK
IP Address:	10.10.28.106/22	Cancel
Gateway:	10.10.30.1	Apply
DHCP Server:	10.10.30.11	Disable
Expires After:	01:59:56	Comment
Primary DNS:	10.1.1.17	Copy
Secondary DNS:	103.226.174.194	Remove
Primary NTP:	114.141.48.158	Release
Secondary NTP:	203.160.128.178	Renew
CAPS Managers:		

enabled      Status: bound

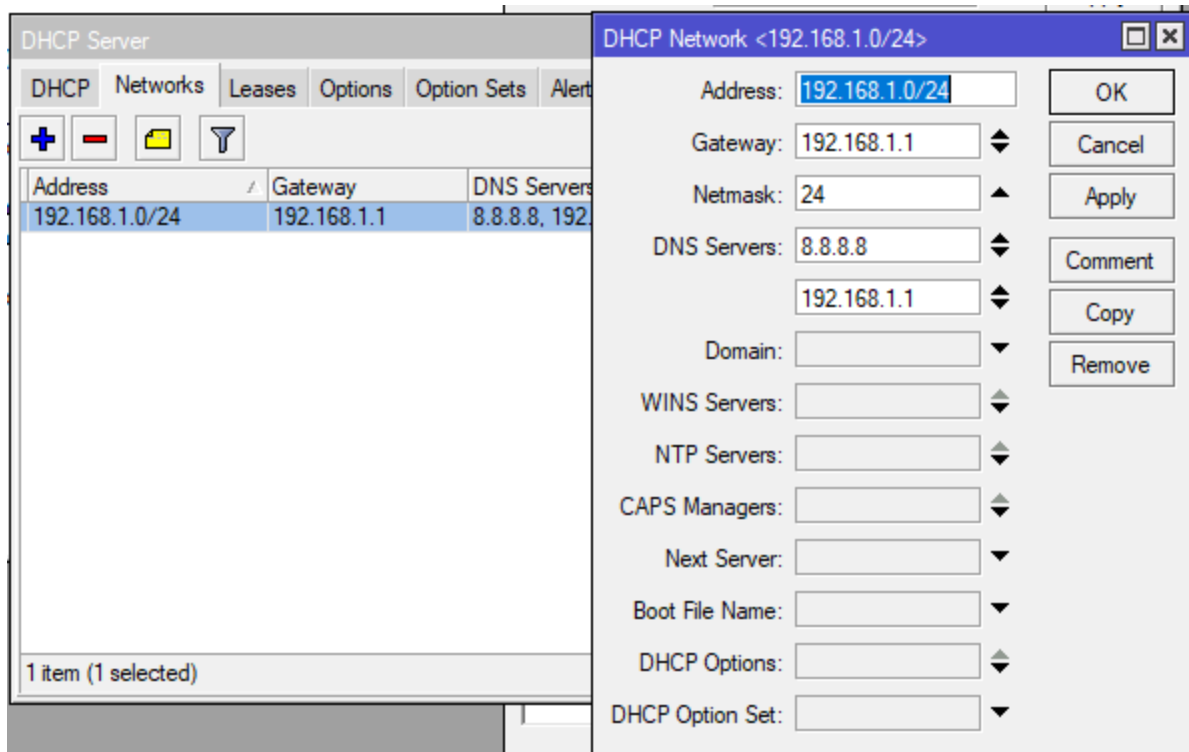
DHCP Client

DHCP Client		DHCP Client Options				
						Release   Renew   Find
Interface	Use P...	Add D...	IP Address	Expires After	Status	
ether2(internet)	yes	yes	10.10.28.106...	01:59:29	bound	

1 item (1 selected)

## Konfigurasi DHCP server

- Network



- DHCP

DHCP Server <lan>

Name: lan

Interface: ether1 (local)

Relay:

Lease Time: 00:10:00

Bootp Lease Time: forever

Address Pool: lan

Src. Address:

Delay Threshold:

Authoritative: after 2s delay

Bootp Support: static

Lease Script:

☒ Add ARP For Leases

☐ Always Broadcast

☐ Use RADIUS

enabled

OK

Cancel

Apply

Disable

Copy

Remove

DHCP Server

DHCP

Networks

Leases

Options

Option Sets

Alerts

+

-

✓

✕

⌵

DHCP Config

DHCP Setup

Name	Interface	Relay	Lease Time	Address Pool	Add AR...
lan	ether1 (local)		00:10:00	lan	yes

1 item

## Men-setting DNS

DNS Settings

Servers: 8.8.8.8

Dynamic Servers: 10.1.1.17

103.226.174.194

8.8.8.8

☐ Allow Remote Requests

Max UDP Packet Size: 4096

Query Server Timeout: 2.000 s

Query Total Timeout: 10.000 s

Cache Size: 2048 KiB

Cache Max TTL: 7d 00:00:00

Cache Used: 61

OK

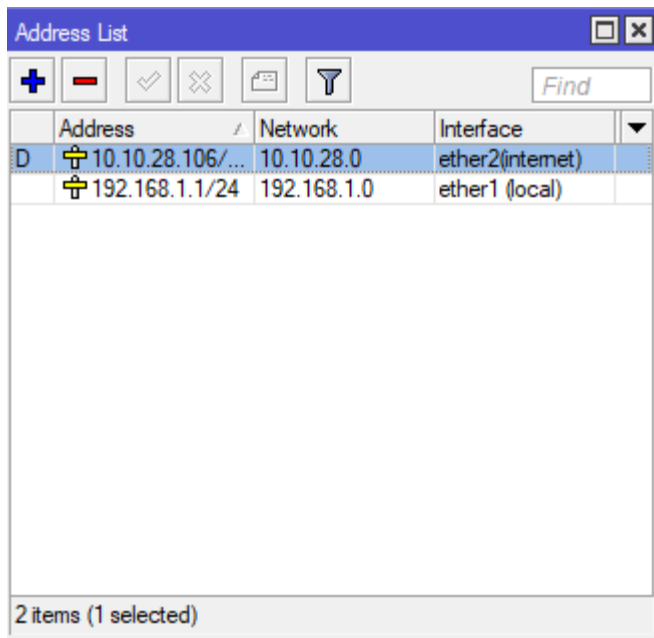
Cancel

Apply

Static

Cache

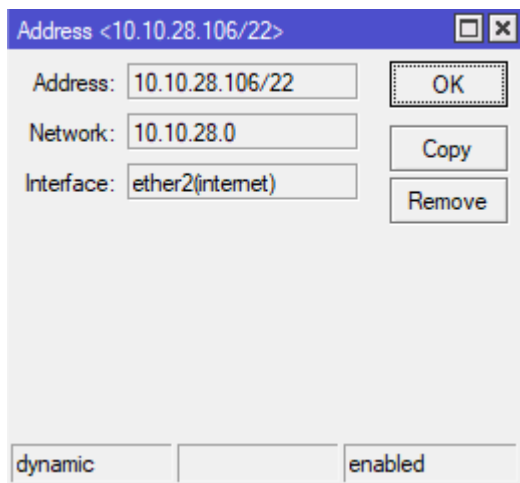
Melihat address list



The 'Address List' window displays a table of network addresses. It includes a toolbar with icons for adding, removing, checking, unchecking, and filtering, along with a 'Find' search box. The table has four columns: 'Address', 'Network', and 'Interface'. Two entries are listed: one for '10.10.28.106/22' on 'ether2(internet)' and another for '192.168.1.1/24' on 'ether1 (local)'. The status bar at the bottom indicates '2 items (1 selected)'.

	Address	Network	Interface
D	10.10.28.106/22	10.10.28.0	ether2(internet)
	192.168.1.1/24	192.168.1.0	ether1 (local)

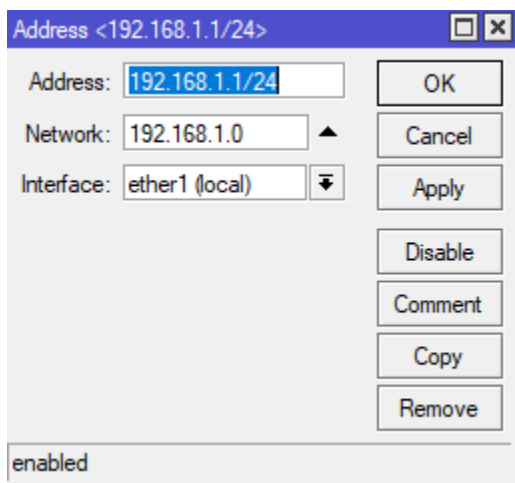
2 items (1 selected)



This dialog box shows the configuration for the selected address '10.10.28.106/22'. It contains input fields for 'Address', 'Network', and 'Interface', each with its current value. To the right are buttons for 'OK', 'Copy', and 'Remove'. At the bottom, there are checkboxes for 'dynamic' and 'enabled'.

Address: 10.10.28.106/22  
Network: 10.10.28.0  
Interface: ether2(internet)

dynamic enabled



This dialog box shows the configuration for the address '192.168.1.1/24'. It includes input fields for 'Address', 'Network', and 'Interface'. To the right are buttons for 'OK', 'Cancel', 'Apply', 'Disable', 'Comment', 'Copy', and 'Remove'. At the bottom, there is a checkbox for 'enabled'.

Address: 192.168.1.1/24  
Network: 192.168.1.0  
Interface: ether1 (local)

enabled

## Setting Hotspot

- Membuat hotspot baru

Hotspot

Servers Server Profiles Users User Profiles Active Hosts IP Bindings

+ - ✓ ✗ ⌵ Reset HTML Hotspot Setup

Name	Interface	Address Pool	Profile
server1	ether1 (local)	lan	default

1 item (1 selected)

Hotspot Server <server1>

Name: server1

Interface: ether1 (local)

Address Pool: lan

Profile: default

Idle Timeout: [ ]

Keepalive Timeout: [ ]

Login Timeout: [ ]

Addresses Per MAC: [ ]

IP of DNS Name: 0.0.0.0

Proxy Status: running

enabled HTTPS

OK Cancel Apply Disable Copy Remove Reset HTML

- Men-setting server profile hotspot

Hotspot

Servers Server Profiles Users User Profiles Active Hosts IP Bindings S

+ - ⌵

Name	DNS Name	HTML Directory	Rate Limit (rx/tx)
default		hotspot	
hspof1		hotspot	

General Login RADIUS

☒ Use RADIUS

Default Domain: [ ]

Location ID: [ ]

Location Name: [ ]

MAC Format: XX:XX:XX:XX:XX:XX

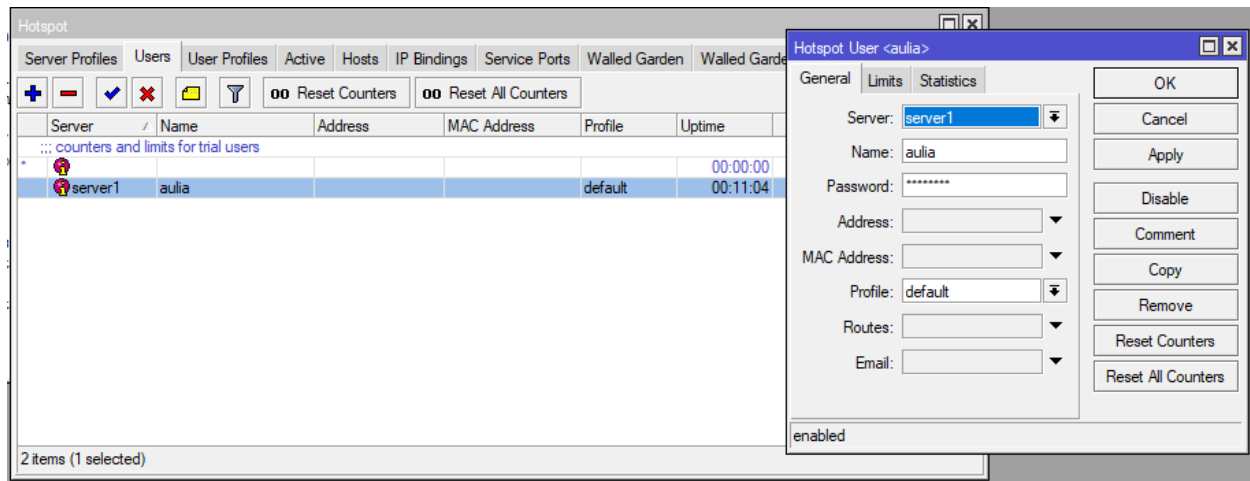
☒ Accounting

Interim Update: [ ]

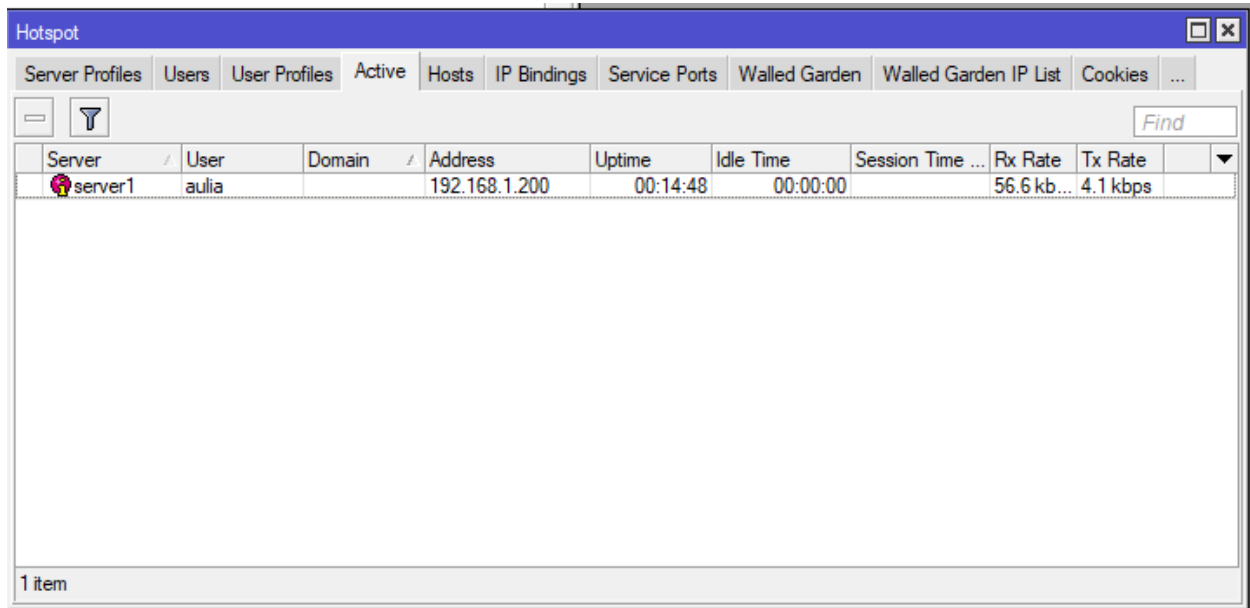
NAS Port Type: 19 (wireless-802.11)

OK Cancel Apply Copy Remove

- Menambahkan user hotspot



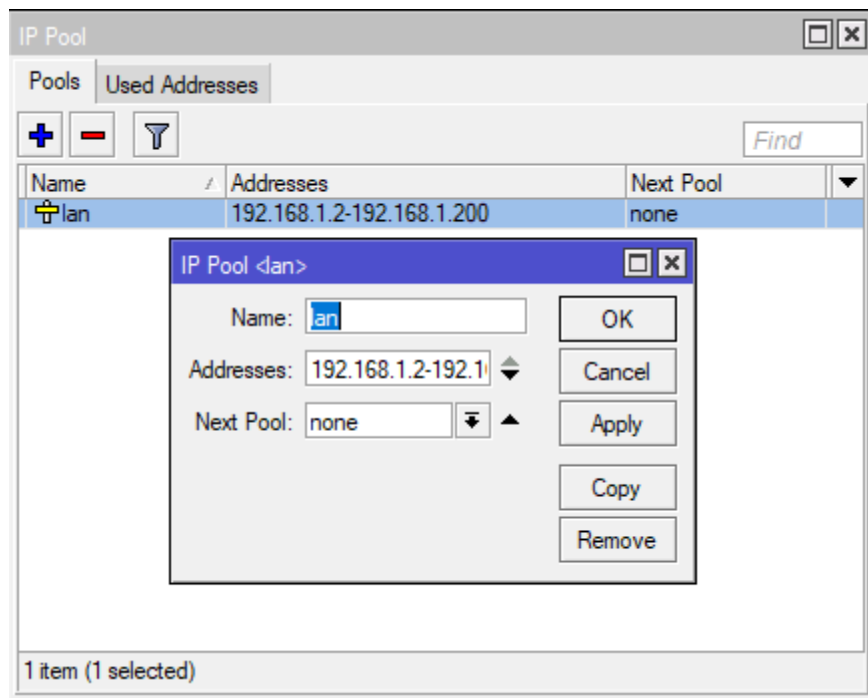
- Melihat user yang aktif



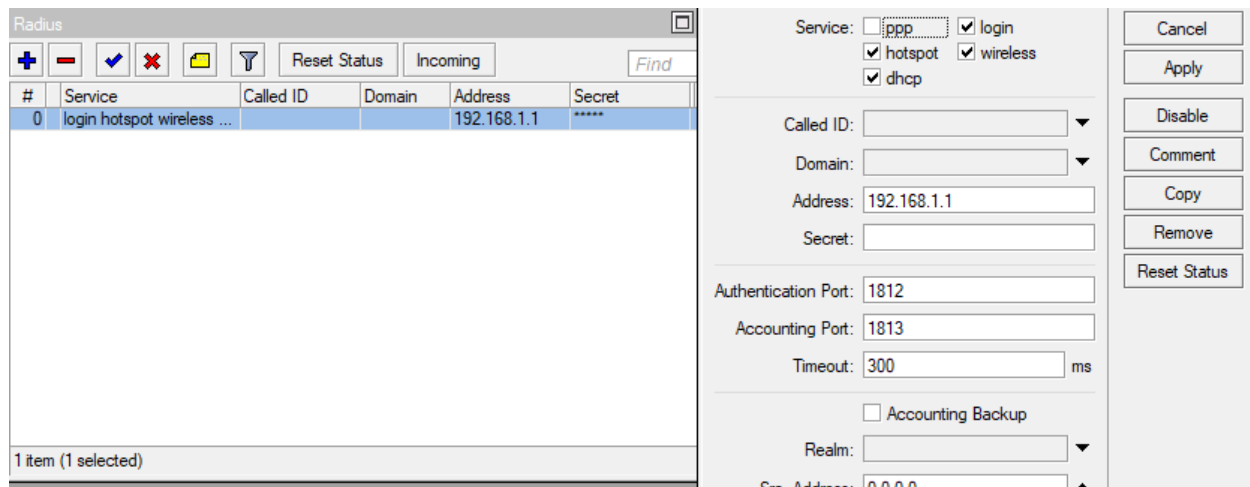


## Mengkonfigurasi IP Pool

### - Pools



## Mengkonfigurasi RADIUS



## Mengkonfigurasi Route List

Route List

RoutesNexthopsRulesVRF

	Dst. Address	/	Gateway
DAS	0.0.0.0/0		10.10.30.1 reachable ether2(internet)
DAC	10.10.28.0/22		ether2(internet) reachable
DAC	192.168.1.0/24		ether1 (local) reachable

3 items (1 selected)

GeneralAttributes

Dst. Address:0.0.0.0/0

Gateway:10.10.30.1reachable ether2(internet)

Check Gateway:

Type:unicast

Distance:0

Scope:30

Target Scope:10

Routing Mark:

Pref. Source:

- 10.10.28.0/22

Route List

RoutesNexthopsRulesVRF

	Dst. Address	/	Gateway
DAS	0.0.0.0/0		10.10.30.1 reachable ether2(internet)
DAC	10.10.28.0/22		ether2(internet) reachable
DAC	192.168.1.0/24		ether1 (local) reachable

3 items (1 selected)

GeneralAttributes

Dst. Address:10.10.28.0/22

Gateway:ether2(internet)reachable

Check Gateway:

Type:unicast

Distance:0

Scope:10

Target Scope:10

Routing Mark:

Pref. Source:10.10.28.106

- 192.168.1.0/24

Route List

Routes

Nextops

Rules

VRF

+

-

✓

✗

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🔍

	Dst. Address	Gateway
DAS	0.0.0.0/0	10.10.30.1 reach
DAC	10.10.28.0/22	ether2(intemet) re
DAC	192.168.1.0/24	ether1 (local) rea

3 items (1 selected)

Route <192.168.1.0/24>

General

Attributes

Dst. Address:

192.168.1.0/24

Gateway:

ether1 (local)

reachable

Check Gateway:

Type:

unicast

Distance:

0

Scope:

10

Target Scope:

10

Routing Mark:

Pref. Source:

192.168.1.1

Akses google.

Please log on to use the internet hotspot service

login

password

OK

HOTSPOT GATEWAY

powered by MikroTik

Powered by MikroTik RouterOS