

## Lembar Kerja Peserta Didik (LKPD)

### Troubleshooting Keamanan Jaringan pada Jaringan WAN

#### Skenario :

Misalkan anda adalah seorang **Network System Administrator** di sebuah instansi/perusahaan dan anda ditugaskan untuk melakukan rancang bangun dan mengelola (konfigurasi) wifi sebagai **Internet Gateway, Hotspot dengan RADIUS, Web Proxy dan Firewall**. Selanjutnya internet tersebut dishare ke client melalui **jalur kabel** menggunakan alamat dinamis (DHCP) dan **wireless** yang juga menggunakan alamat dinamis (DHCP).



#### Ketentuan dalam pengerjaan :

- Melakukan konfigurasi Wifi Router Mikrotik
  - DNS, menyesuaikan dengan DNS yang diberikan oleh ISP atau bisa menggunakan DNS google.
  - NTP, disesuaikan.
  - Web Proxy dengan Cache Administrator : [nama\\_kelompok@negeri1petarukan.sch.id](mailto:nama_kelompok@negeri1petarukan.sch.id).
- Melakukan konfigurasi jaringan internet di ROUTER (**ether1**)
  - IP Address, menyesuaikan dengan alamat network ISP, dengan cara **statis** (**192.168.14.2**) atau **dinamis** (DHCP Client).
  - Gateway, menyesuaikan dengan alamat IP yang diberikan oleh ISP (**192.168.14.1**).
- Melakukan konfigurasi jaringan lokal di ROUTER (**ether2**) :
  - IP address : **192.168.100.1/25** dengan DHCP Client.
  - DHCP Pool** sebanyak 99 client.
  - Buat firewall agar IP **192.168.100.2-192.168.100.50** tidak dapat ping ke **router** (jalur kabel).
  - Buat firewall agar IP **192.168.100.51-192.168.100.100** tidak dapat ping ke **client wireless**.
  - Buat rule agar setiap akses ke router tercatat di **logging** dan tersimpan di **disk**.
- Melakukan Konfigurasi Jaringan Lokal di ROUTER (**ether3**) :
  - IP address : **192.168.10.1/24**
- Konfigurasi Jaringan Wireless di ROUTER (**wlan1**) :
  - IP address : **192.168.200.1/24**
  - SSID : **nama\_kelompok@cobaPROXY**
  - DHCP Pool sebanyak 99 client.
  - Membuat **20 account** hotspot secara random di RADIUS.
  - Account hotspot** bisa menggunakan internet pada pukul **07.00 - 16.00**.
- Membuat firewall yang memblokir :
  - Blocking site : <https://www.linux.org>
  - Blocking file : **.mp3, .mkv**
- Langkah kerja :
  - Menerapkan prosedur kesehatan, keselamatan dan keamanan kerja yang diperlukan.
  - Melakukan pemasangan kabel UTP.

- Melakukan pemasangan dan konfigurasi jaringan lokal (WAN).
- Melakukan pemasangan dan konfigurasi jaringan lokal LAN static dan LAN dinamis (DHCP server).
- Melakukan pemasangan dan konfigurasi jaringan lokal (WLAN).
- Melakukan konfigurasi Firewall pada router.
- Melakukan instalasi dan konfigurasi Hotspot-RADIUS.
- Melakukan konfigurasi Server/Router (WebProxy).
- Melakukan pengujian dari PC Client yang terhubung kabel :
  - IP DHCP Client.
  - Koneksi internet.
  - Blocking ping dari client.
  - Logging.
- Melakukan pengujian dari smartphone yang terhubung wireless :
  - Login user hotspot.
  - Blocking site.

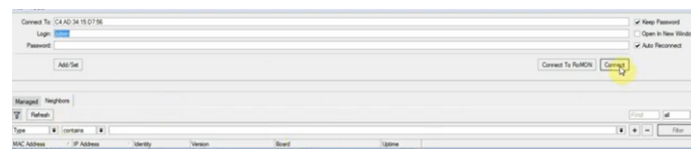
#### PENYELESAIAN :

- Setting alamat IP agar **PC/Laptop** konek ke ROUTER Mikrotik.

Catatan :

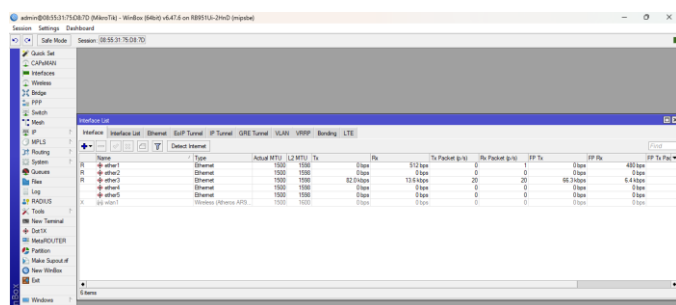
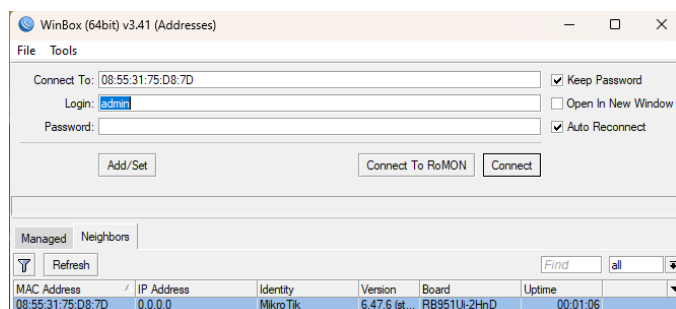
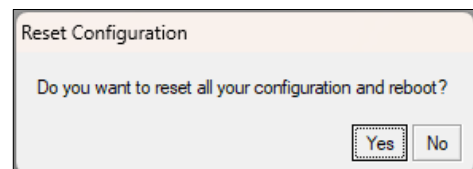
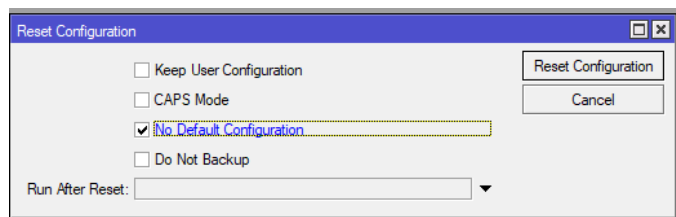
Alamat default Router Mikrotik adalah 192.168.88.1

- Masuk ke tampilan Mikrotik Router melalui **WINBOX**

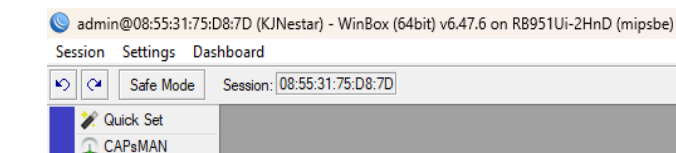
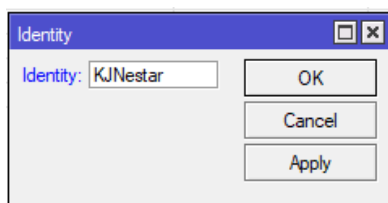


Klik tombol "Connect".

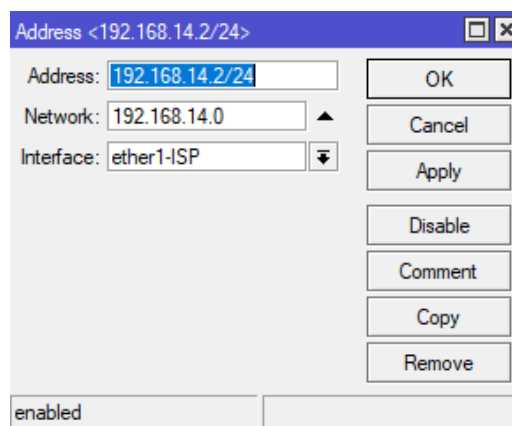
- Kalau masih ada pengaturan lama, masuk ke **System > Reset Configuration**



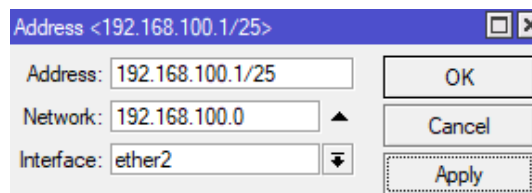
- System > Identity** > ketikkan "KJNestar".



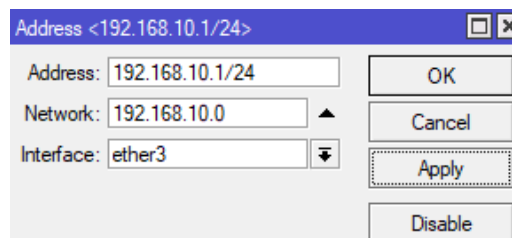
- IP > Addresses > ketikkan pada **ether1** Sesuai dengan alamat IP ISP (Gateway), misal **192.168.14.2/25** Untuk mempermudah, bisa menggunakan DHCP Client, jadi tidak perlu melakukan konfigurasi alamat static seperti di bawah.



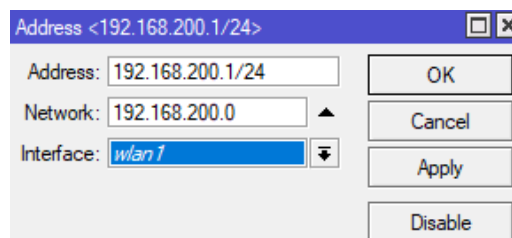
- IP > Addresses > ADD (+) > ketikkan "**192.168.100.1/25**" (**ether2**)



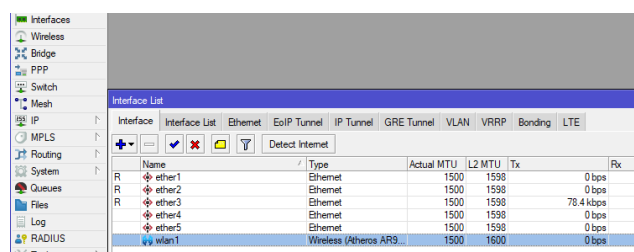
- IP > Addresses > ADD (+) > ketikkan "**192.168.10.1/24**" (**ether3**)



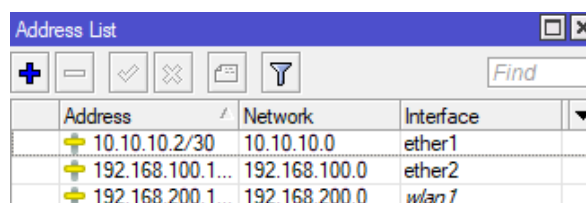
- IP > Addresses > ADD (+) > ketikkan "**192.168.200.1/24**" (**wlan1**)



Catatan : berwarna merah karena belum aktif, untuk mengaktifkannya masuk ke "interfaces", klik **wlan1** terus klik tanda centang.

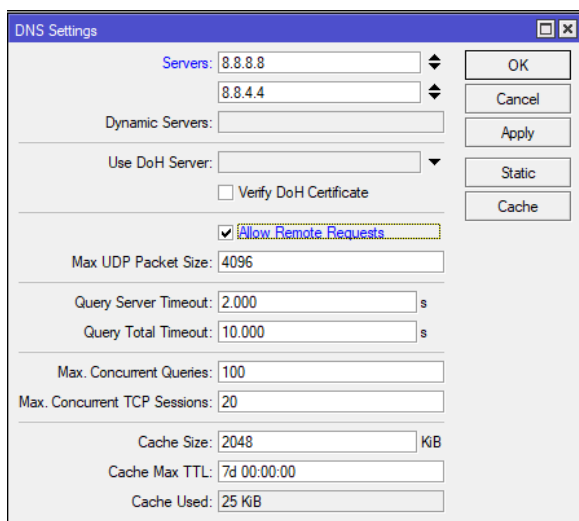
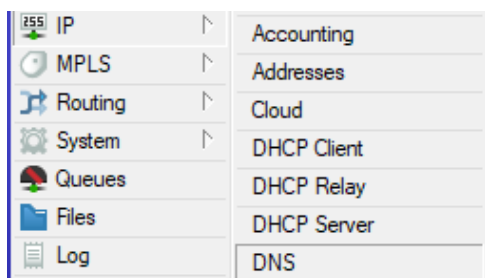


Sehingga tampilannya seperti berikut :



## 9. Setting alamat (internet gateway)

### a. Setting DNS

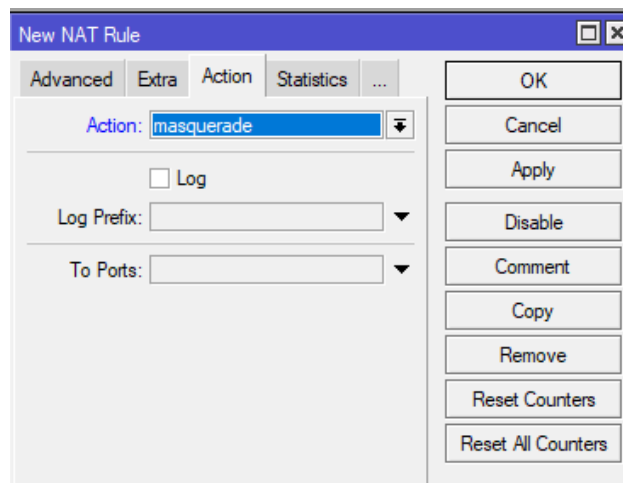
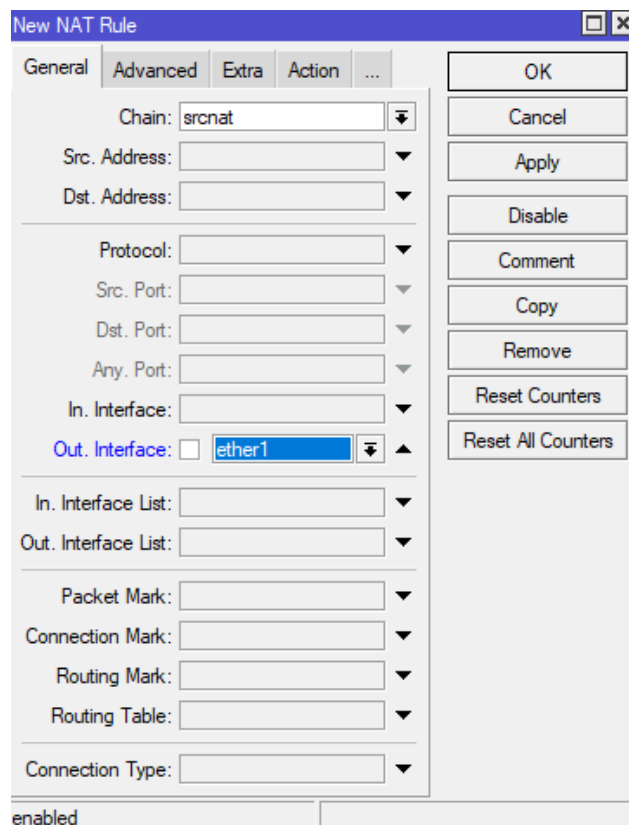


### b. IP > Firewall > tab NAT (setting firewall NAT)

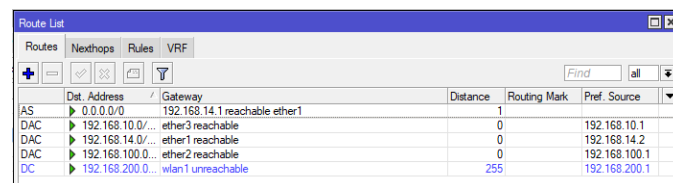
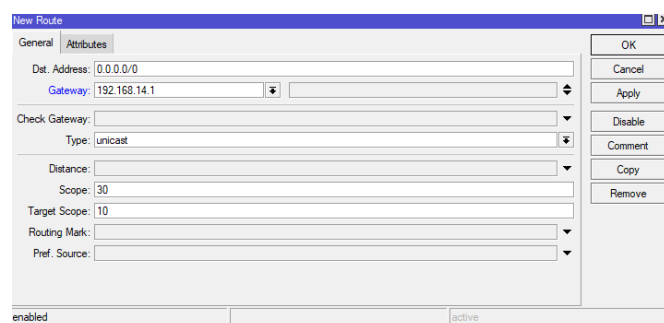
chain : **srcnat**

out Interface : **ether1**

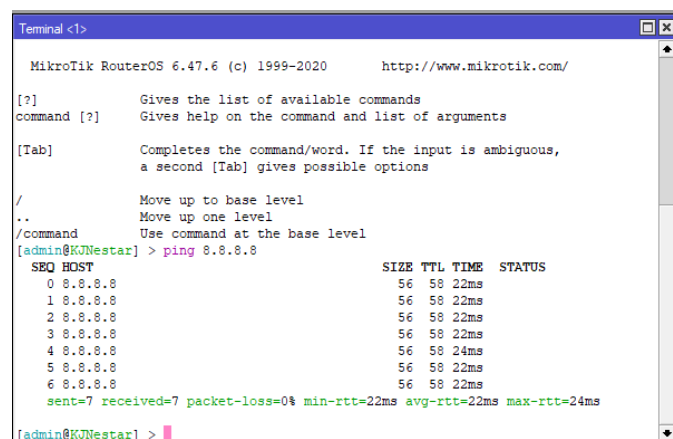
tab action : **masquerade**



### c. IP > Routes (setting Gateway)



### d. New terminal > ketikkan "ping 8.8.8.8" (cek koneksi internet dari Router ke Internet)



### 10. Masuk ke Laptop Client (ether3), berikan alamat IP, misal 192.168.10.2 (saya melakukan remote dari ether3)

IP address

192.168.10.2

Subnet mask

255.255.255.0

Gateway

192.168.10.1

Preferred DNS

8.8.8.8

DNS over HTTPS

Off

Alternative DNS

8.8.4.4

Cek koneksi internet dari Laptop (ether3) :

```

Microsoft Windows [Version 10.0.22621.4037]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Isman Gumanti>ping 8.8.8.8

Pinging 8.8.8.8 with 32 bytes of data:
Reply from 8.8.8.8: bytes=32 time=23ms TTL=57
Reply from 8.8.8.8: bytes=32 time=23ms TTL=57
Reply from 8.8.8.8: bytes=32 time=25ms TTL=57
Reply from 8.8.8.8: bytes=32 time=27ms TTL=57

Ping statistics for 8.8.8.8:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 23ms, Maximum = 27ms, Average = 24ms
  
```

```

C:\Users\Isman Gumanti>ping google.com

Pinging forcesafesearch.google.com [216.239.38.120] with 32 bytes of data:
Reply from 216.239.38.120: bytes=32 time=25ms TTL=115
Reply from 216.239.38.120: bytes=32 time=22ms TTL=115
Reply from 216.239.38.120: bytes=32 time=24ms TTL=115
Reply from 216.239.38.120: bytes=32 time=24ms TTL=115

Ping statistics for 216.239.38.120:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 22ms, Maximum = 25ms, Average = 23ms
  
```

## MEMBUAT WEB PROXY

11. IP > Web Proxy (membuat Web Proxy)

Web Proxy Settings

General Status Lookups Inserts Refreshes

☒ Enabled

Src. Address: ::

Port: 8080

☐ Anonymous

Parent Proxy:

Parent Proxy Port:

Cache Administrator: yudipram@smkn1petarukan.sch

Max. Cache Size: unlimited KiB

Max Cache Object Size: 2048 KiB

☒ Cache On Disk

OK Cancel Apply Clear Cache Reset HTML Access Cache Direct Connections Cache Contents

12. IP > Firewall ( membuat rule baru untuk Web Proxy )

chain : **dstnat**

protocol : **tcp**

dst port : **80**

New NAT Rule

General Advanced Extra Action ...

Chain: **dstnat**

Src. Address:

Dst. Address:

Protocol: ☐ 6 (tcp)

Src. Port:

Dst. Port: **80**

Any. Port:

In. Interface:

Out. Interface:

In. Interface List:

Out. Interface List:

Packet Mark:

Connection Mark:

Routing Mark:

Routing Table:

Connection Type:

enabled

OK Cancel Apply Disable Comment Copy Remove Reset Counters Reset All Counters

Pilih tab "Action" :

- Action : **redirect**

- To Ports : **8080**

New NAT Rule

Advanced Extra Action Statistics ...

Action: **redirect**

☐ Log

Log Prefix:

To Ports: **8080**

OK Cancel Apply Disable Comment Copy Remove Reset Counters Reset All Counters

#	Action	Chain	Src. Address	Dst. Address	Proto	Src. Port	Dst. Port	In. Inter.	Out. Inter.	In. Inter.	Out. Inter.	Src. Ad.	Dst. Ad.	Bytes	Packets
0	1	mas...	srcnat		6 (tcp)		80		ether1					723.1 KiB	1.656
1	2	redir...	dstnat											0 B	0

## PENGALAMATAN IP DHCP ( ether2 )

13. IP > DHCP Server > pilih "DHCP Setup"

( jar lokal DHCP pool 99 client untuk jalur kabel, ether2 )

DHCP Server

DHCP Networks Leases Options Option Sets Vendor Classes Alerts

DHCP Config DHCP Setup

Name / Interface Relay Lease Time Address Pool Add AR...

DHCP Setup

Select interface to run DHCP server on

DHCP Server Interface: **ether2**

Back Next Cancel

**DHCP Setup**

Select network for DHCP addresses

DHCP Address Space:

Back Next Cancel

**DHCP Setup**

Select gateway for given network

Gateway for DHCP Network:

Back Next Cancel

**DHCP Setup**

Select pool of ip addresses given out by DHCP server

Addresses to Give Out:

Back Next Cancel

**DHCP Setup**

Select DNS servers

DNS Servers:

Back Next Cancel

**DHCP Setup**

Select lease time

Lease Time:

Back Next Cancel

**DHCP Server**

DHCP Networks Leases Options Option Sets Vendor Classes Alerts

DHCP Config DHCP Setup

Name	Interface	Relay	Lease Time	Address Pool	Add AR...
dhcp1	ether2		00:10:00	dhcp_pool0	no

DHCP Setup

Setup has completed successfully

OK

**DHCP Server**

DHCP Networks Leases Options Option Sets Vendor Classes Alerts

DHCP Config DHCP Setup

Name	Interface	Relay	Lease Time	Address Pool	Add AR...
dhcp1	ether2		00:10:00	dhcp_pool0	no

**DHCP Setup**

Select interface to run DHCP server on

DHCP Server Interface:

Back Next Cancel

**DHCP Setup**

Select network for DHCP addresses

DHCP Address Space:

Back Next Cancel

**DHCP Setup**

Select gateway for given network

Gateway for DHCP Network:

Back Next Cancel

**DHCP Setup**

Select pool of ip addresses given out by DHCP server

Addresses to Give Out:

Back Next Cancel

**DHCP Setup**

Select DNS servers

DNS Servers:

Back Next Cancel

**DHCP Setup**

Select lease time

Lease Time:

Back Next Cancel

**DHCP Server**

DHCP Networks Leases Options Option Sets Vendor Classes Alerts

DHCP Config DHCP Setup

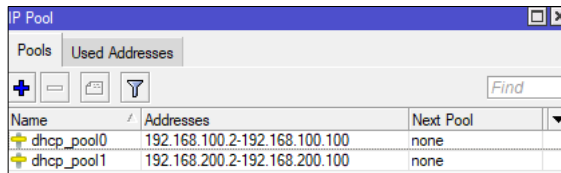
Name	Interface	Relay	Lease Time	Address Pool	Add AR...
dhcp1	ether2		00:10:00	dhcp_pool0	no
dhcp2	wlan1		00:10:00	dhcp_pool1	no

## PENGALAMATAN IP DHCP ( wlan1 )

14. IP > DHCP Server > pilih "DHCP Setup"  
( jar lokal DHCP pool 99 client untuk wireless di wlan1 )  
Caranya SDA



15. IP > Pool (untuk mengecek), harusnya tampilan seperti berikut :

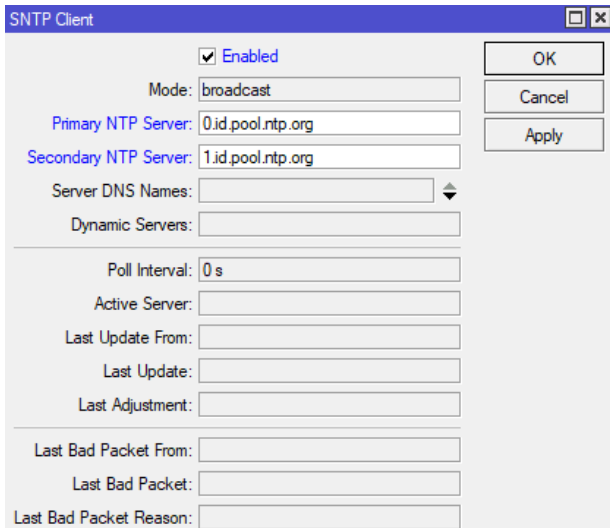


The screenshot shows the 'IP Pool' window with two pools defined:

Name	Addresses	Next Pool
dhcp_pool0	192.168.100.2-192.168.100.100	none
dhcp_pool1	192.168.200.2-192.168.200.100	none

### SETTING SNTP CLIENT

16. System > SNTP Client > diisi kan "0.id.pool.ntp.org" dan "1.id.pool.ntp.org" > Apply

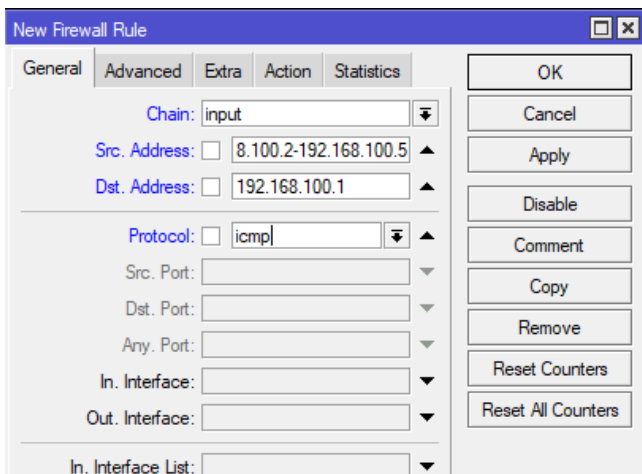


The screenshot shows the 'SNTP Client' configuration window with the following settings:

- Enabled: ☒
- Mode: broadcast
- Primary NTP Server: 0.id.pool.ntp.org
- Secondary NTP Server: 1.id.pool.ntp.org
- Server DNS Names: (empty)
- Dynamic Servers: (empty)
- Poll Interval: 0 s
- Active Server: (empty)
- Last Update From: (empty)
- Last Update: (empty)
- Last Adjustment: (empty)
- Last Bad Packet From: (empty)
- Last Bad Packet: (empty)
- Last Bad Packet Reason: (empty)

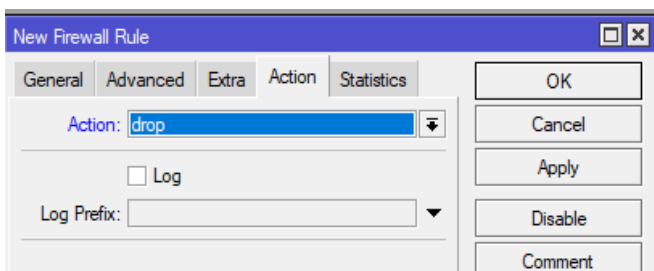
### SETTING FIREWALL (ether2)

17. IP > Firewall (ether2)



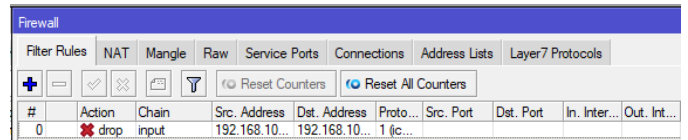
The screenshot shows the 'New Firewall Rule' window with the following settings:

- Chain: input
- Src. Address: 8.100.2-192.168.100.5
- Dst. Address: 192.168.100.1
- Protocol: icmp
- Src. Port: (empty)
- Dst. Port: (empty)
- Any. Port: (empty)
- In. Interface: (empty)
- Out. Interface: (empty)
- In. Interface List: (empty)



The screenshot shows the 'New Firewall Rule' window with the following settings:

- Action: drop
- Log: ☐
- Log Prefix: (empty)

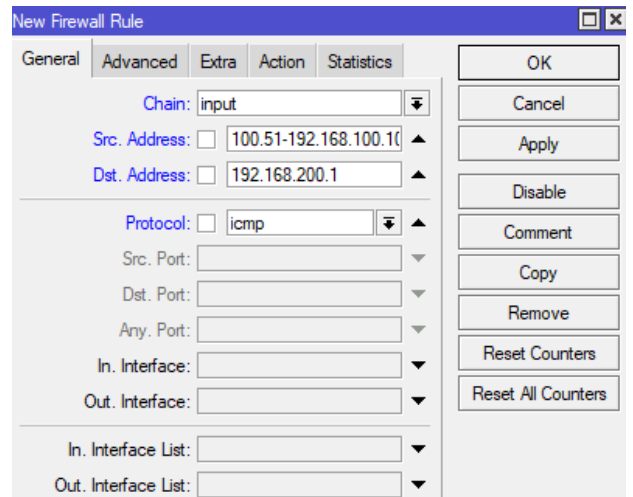


The screenshot shows the 'Firewall' window with the following table:

#	Action	Chain	Src. Address	Dst. Address	Proto...	Src. Port	Dst. Port	In. Inter...	Out. Int...
0	drop	input	192.168.10...	192.168.10...	1 (ic...				

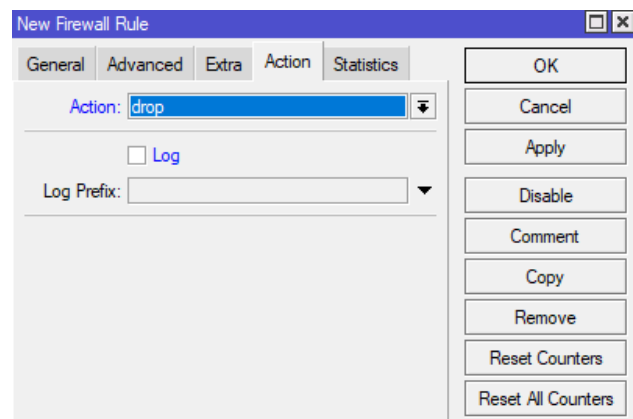
### SETTING FIREWALL (wlan1)

18. IP > Firewall (wlan1)



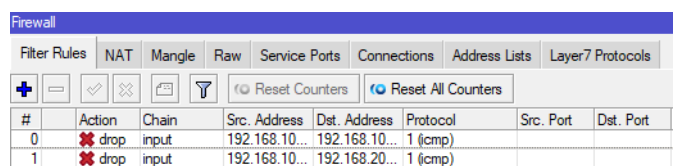
The screenshot shows the 'New Firewall Rule' window with the following settings:

- Chain: input
- Src. Address: 100.51-192.168.100.1
- Dst. Address: 192.168.200.1
- Protocol: icmp
- Src. Port: (empty)
- Dst. Port: (empty)
- Any. Port: (empty)
- In. Interface: (empty)
- Out. Interface: (empty)
- In. Interface List: (empty)
- Out. Interface List: (empty)



The screenshot shows the 'New Firewall Rule' window with the following settings:

- Action: drop
- Log: ☐
- Log Prefix: (empty)



The screenshot shows the 'Firewall' window with the following table:

#	Action	Chain	Src. Address	Dst. Address	Protocol	Src. Port	Dst. Port
0	drop	input	192.168.10...	192.168.10...	1 (icmp)		
1	drop	input	192.168.10...	192.168.20...	1 (icmp)		

19. System > Logging



The screenshot shows the 'Logging' window with the following settings:

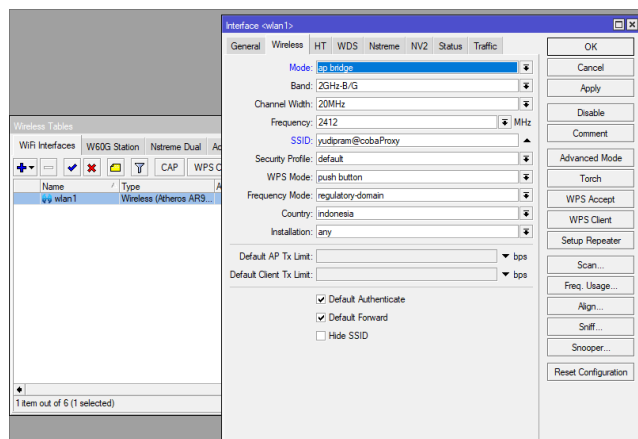
- Name: action1
- Type: disk
- File Name: /ash1log
- Lines Per File: 1000
- File Count: 2
- Stop on Full: ☐

## SETTING WIRELESS

### 20. Wireless > Klik wlan1

Mode : ap bridge

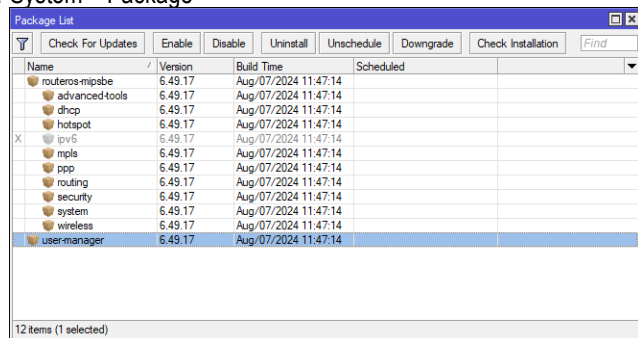
SSID : yudipram@cobaProxy



## SETTING HOTSPOT DENGAN RADIUS

### Mengecek User Manager

### 21. System > Package



Jika belum ada, tambahkan **User Manager** ke Package List

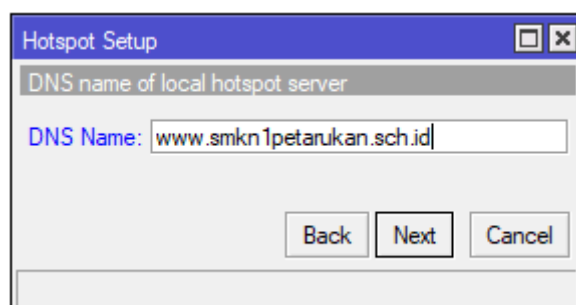
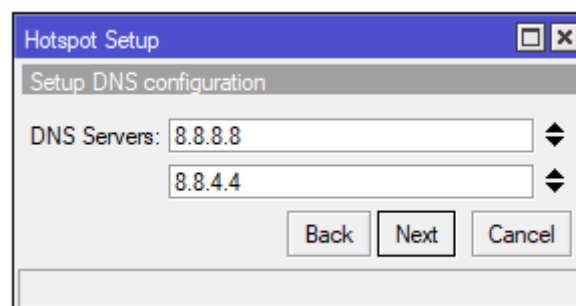
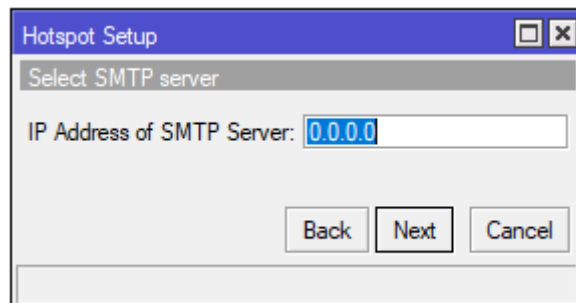
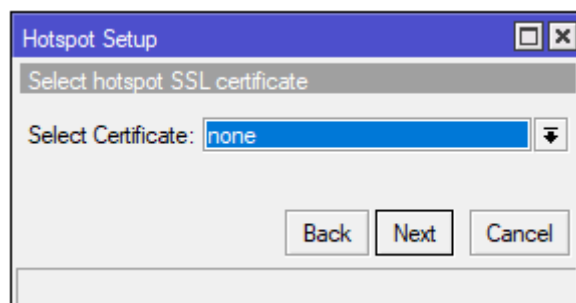
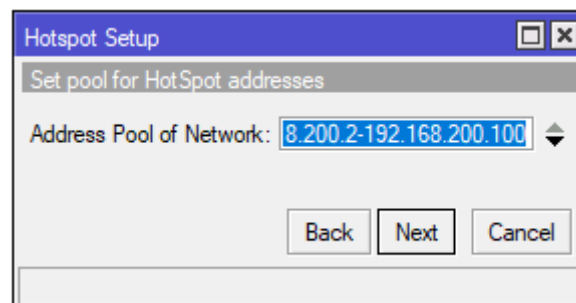
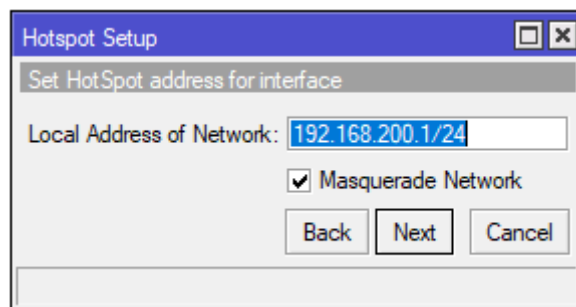
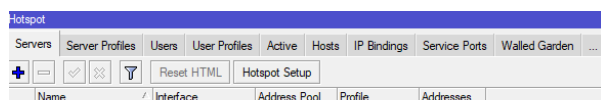
### 22. File > klik Upload > cari file **User Manager** (harus setype versinya)

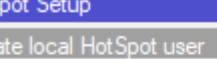
Jika tidak ada bisa download di mikrotik.com

### 23. System > Reboot

## Konfigurasi Hotspot

### 24. IP > Hotspot > Hotspot Setup





Hotspot Setup

Create local HotSpot user

Name of Local HotSpot User: admin

Password for the User: \*Pram200772#

Back Next Cancel

The screenshot shows the Mikrotik WinBox interface. At the top, the 'Hotspot' menu is selected. Below it, the 'Hotspot Setup' button is highlighted. A modal dialog box titled 'Hotspot Setup' is displayed in the center, containing the text 'Setup has completed successfully' and an 'OK' button.

Catatan :  
Kotak dialog yang muncul yang lain biarkan secara defaultnya.

Tab Server Profiles > Klik 2x > Pilih tab Radius

Hotspot

Servers   Server Profiles   Users   User Profiles

Hotspot Server Profile chaprof1:

General   Login   RADIUS

☒ Use RADIUS

Default Domain:

Location ID:

Location Name:

MAC Format:

☒ Accounting

Interim Update:

NAS Port Type:

OK  
Cancel  
Apply  
Copy  
Remove

Name	DNS Name	HTML Directory
default	hotspot	hotspot
chaprof1	www.amkn1.jp	hotspot

2 items (1 selected)

default

New RADIUS Server

General Status

Service: ☒ ppp ☐ login  
☒ hotspot ☐ wireless  
☐ dhcp ☐ ipsec  
☐ dot1x

Called ID:

Domain:

Address: 127.0.0.1

Protocol: udp

Secret: \*\*\*\*\*

Authentication Port: 1812

Accounting Port: 1813

Timeout: 300 ms

☐ Accounting Backup

Realm:

Certificate: none

Src. Address: 0.0.0.0

OK  
Cancel  
Apply  
Disable  
Comment  
Copy  
Remove  
Reset Status

enabled


**RADIUS**

☒
☐
☐
☐
☐
☐

#	Service	Called ID	Domain	Address	Protocol	Secret	Certificate
0	botnet			127.0.0.1	udp	****	

## 26. Masuk ke User Manager

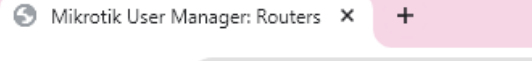
← → ↻ 🏠 **Not secure** 192.168.200.1/userman



*MikroTik*  
Mikrotik User Manager

Login

Password



The screenshot shows a web browser window with the address bar displaying '192.168.200.1/userman' and a 'Not secure' warning. The page title is 'Mikrotik User Manager: Routers'. The main content area features the Mikrotik logo and the text 'Mikrotik User Manager'. Below this, there are tabs for 'Add', 'Edit', and 'New'. A table with columns 'Name' and 'Status' is visible, showing a single entry with a blue checkmark in the status column.

## 25. Klik RADIUS

- Queues
- Files
- Log
- RADIUS
- Tools
- New Terminal
- Dot1X
- MetaROUTER



**Router details**

▼ Main

Name:

Owner:

IP address:

Shared secret:

Time zone:

Disabled: ☐

Log events: ☒ Authorization success  
☒ Authorization failure  
☐ Accounting success  
☐ Accounting failure

▼ Radius incoming

MikroTik User Manager: Profiles

192.168.200.1/userman

Name	IP address	Shared secret
yudipram	127.0.0.1	*Pram200772#

## 27. Membuat Profile

Klik "Profile"

MikroTik User Manager: Profiles

192.168.200.1/userman

**Profiles**

Profile:  +

**Create profile**

Name:

MikroTik User Manager: Profiles

192.168.200.1/userman

**Profiles**

Profile:

Name:

Name for users:

Owner:

Validity:

Starts:

Price:

Shared users:

Unlimited profile

Klik "Add new limitation"

**Profile part**

▲ Period

Days: ☒ Sunday  
☒ Monday  
☒ Tuesday  
☒ Wednesday  
☒ Thursday  
☒ Friday  
☒ Saturday

Time:  -

▲ Limits

Klik "Add"

Klik "Save profile".

## MEMBUAT USERS

28. Users > Add > Batch

MikroTik User Manager: Users

192.168.200.1/userman

**Add Edit Generate**

**One Batch**

**User details**

▲ Main

Owner: admin

Number of users: 20

Username prefix: nestar

Username length: 6

Pwd same as login: ☐

Password length: 6

▼ Constraints

▼ Wireless

▼ Private information

Assign profile: ujian (1.00)

Add

Mikrotik User Manager: Users

192.168.200.1/userman

MikroTik User Manager

Add Edit Generate

Users	Username	Till time
<input checked="" type="checkbox"/>	nestarntbke2	Not set
<input checked="" type="checkbox"/>	nestartjbhvx	Not set
<input checked="" type="checkbox"/>	nestarsf6ag4	Not set
<input checked="" type="checkbox"/>	nestarekukpv	Not set
<input checked="" type="checkbox"/>	nestar34ntgy	Not set
<input checked="" type="checkbox"/>	nestargwujfp	Not set
<input checked="" type="checkbox"/>	nestarxf6b3y	Not set
<input checked="" type="checkbox"/>	nestaraw2e5w	Not set
<input checked="" type="checkbox"/>	nestartk8fc3	Not set
<input checked="" type="checkbox"/>	nestarquq4du	Not set
<input checked="" type="checkbox"/>	nestaryhg5d6	Not set
<input checked="" type="checkbox"/>	nestarbeb377	Not set
<input checked="" type="checkbox"/>	nestarergvt3	Not set
<input checked="" type="checkbox"/>	nestars4wh6x	Not set
<input checked="" type="checkbox"/>	nestareqv247	Not set
<input checked="" type="checkbox"/>	nestar6c4p4e	Not set
<input checked="" type="checkbox"/>	nestar57d7is	Not set
<input checked="" type="checkbox"/>	nestar3x7whd	Not set
<input checked="" type="checkbox"/>	nestarpb78yk	Not set
<input checked="" type="checkbox"/>	nestarp9bpga	Not set

Generate > Vouchers

Mikrotik User Manager: Users

192.168.200.1/userman

MikroTik User Manager

Add Edit Generate

CSV File Vouchers

Users	Username	Till time
<input checked="" type="checkbox"/>	nestarntbke2	Not set
<input checked="" type="checkbox"/>	nestartjbhvx	Not set

**Vouchers**

Break after: 20

☒ Download as file

Generate

File C:/Users/Isman%20Gumanti/Downloads/Vouchers.html

Prepaid time: Unlimited

Login: nestarntbke2

After attempting to open a web page, you should enter this login information

Login: nestarntbke2 (login name that you enter at the HotSpot login page)

Password: fshu8r (password that you enter at the HotSpot login page)

If you want to extend time, please contact reception

Prepaid time: Unlimited

Login: nestartjbhvx

After attempting to open a web page, you should enter this login information

Login: nestartjbhvx (login name that you enter at the HotSpot login page)

Password: jnz25 (password that you enter at the HotSpot login page)

If you want to extend time, please contact reception

Prepaid time: Unlimited

Login: nestarsf6ag4

After attempting to open a web page, you should enter this login information

Login: nestarsf6ag4 (login name that you enter at the HotSpot login page)

Password: pb3n8u (password that you enter at the HotSpot login page)

If you want to extend time, please contact reception

Prepaid time: Unlimited

Login: nestarekukpv

After attempting to open a web page, you should enter this login information

Login: nestarekukpv (login name that you enter at the HotSpot login page)

Password: a36qy7 (password that you enter at the HotSpot login page)

**Membuat Firewall yang Memblokir**

**Memblokir www.linux.org**

29. IP > Firewall > Layer 7 Protocols > ADD (+)

Ketikkan : -"+(www.linux.org).\*\$

Firewall

Filter Rules NAT Mangle Raw Service Ports Connections Address Lists Layer7 Protocols

New Firewall L7 Protocol

Name: linux

Regexp: .\*+(www.linux.org).\*\$

OK Cancel Apply Comment Copy Remove

0 items

Firewall

Filter Rules NAT Mangle Raw Service Ports Connections Address Lists Layer7 Protocols

Name: linux

Regexp: .\*+(www.linux.org).\*\$

30. IP > Firewall > Filter Rules > ADD (+)

New Firewall Rule

General Advanced Extra Action Statistics

Chain: forward

Src. Address: 192.168.200.0/24

Dst. Address:

Protocol:

Src. Port:

Dst. Port:

Any. Port:

In. Interface:

Out. Interface:

In. Interface List:

OK Cancel Apply Disable Comment Copy Remove Reset Counters Reset All Counters

New Firewall Rule

General Advanced Extra Action Statistics

Src. Address List:

Dst. Address List:

Layer7 Protocol: ☐ linux

Content:

Connection Bytes:

Connection Rate:

Per Connection Classifier:

Src. MAC Address:

Out. Bridge Port:

In. Bridge Port:

OK Cancel Apply Disable Comment Copy Remove Reset Counters Reset All Counters

New Firewall Rule

General Advanced Extra Action Statistics

Action: drop

☐ Log

Log Prefix:

OK Cancel Apply Disable Comment Copy Remove

Memblokir .mp3 dan .mkv

Memblokir .mp3

31. IP > Firewall > ADD (+) > Tab File Rules

Chain : forward

Protocol : TCP

Firewall

#	Action	Chain	Src. Address
1	D	jump	forward
2	D	jump	input
3	D	drop	input
4	D	jump	hs-input
5	D	acc...	hs-input
6	D	acc...	hs-input
7	D	jump	hs-input
8	D	reject	hs-unauth
9	D	reject	hs-unauth
10	D	reject	hs-unauth-to
11	X	pas...	unused-hs...
12	D	drop	input 192.168.100.2-192...
13	D	drop	input 192.168.100.51-19...
14	D	drop	forward 192.168.200.0/24

15 items (1 selected)

New Firewall Rule

General Advanced Extra Action Statistics

Chain: forward

Src. Address:

Dst. Address:

Protocol: ☐ 6 (tcp)

Src. Port:

Dst. Port:

Any. Port:

In. Interface:

Out. Interface:

In. Interface List:

Out. Interface List:

Packet Mark:

Connection Mark:

OK Cancel Apply Disable Comment Copy Remove Reset Counters Reset All Counters

New Firewall Rule

General Advanced Extra Action Statistics

Src. Address List:

Dst. Address List:

Layer7 Protocol:

Content: ☐ .mp3

Connection Bytes:

Connection Rate:

Per Connection Classifier:

Src. MAC Address:

Out. Bridge Port:

OK Cancel Apply Disable Comment Copy Remove Reset Counters Reset All Counters

New Firewall Rule

General Advanced Extra Action Statistics

Action: drop

☐ Log

Log Prefix:

OK Cancel Apply Disable Comment Copy

memblokir .mkv

New Firewall Rule

General Advanced Extra Action Statistics

Chain: forward

Src. Address:

Dst. Address:

Protocol: ☐ 6 (tcp)

Src. Port:

Dst. Port:

Any. Port:

In. Interface:

Out. Interface:

OK Cancel Apply Disable Comment Copy Remove Reset Counters Reset All Counters

New Firewall Rule

General Advanced Extra Action Statistics

Src. Address List:

Dst. Address List:

Layer7 Protocol:

Content: ☐ .mkv

Connection Bytes:

Connection Rate:

Per Connection Classifier:

Src. MAC Address:

Out. Bridge Port:

OK Cancel Apply Disable Comment Copy Remove Reset Counters Reset All Counters

New Firewall Rule

General Advanced Extra Action Statistics

Action: drop

☐ Log

Log Prefix:

OK Cancel Apply Disable Comment Copy Remove Reset Counters Reset All Counters

