

HOTSPOT + PROXY

WAN - MIKROTIK - LAN

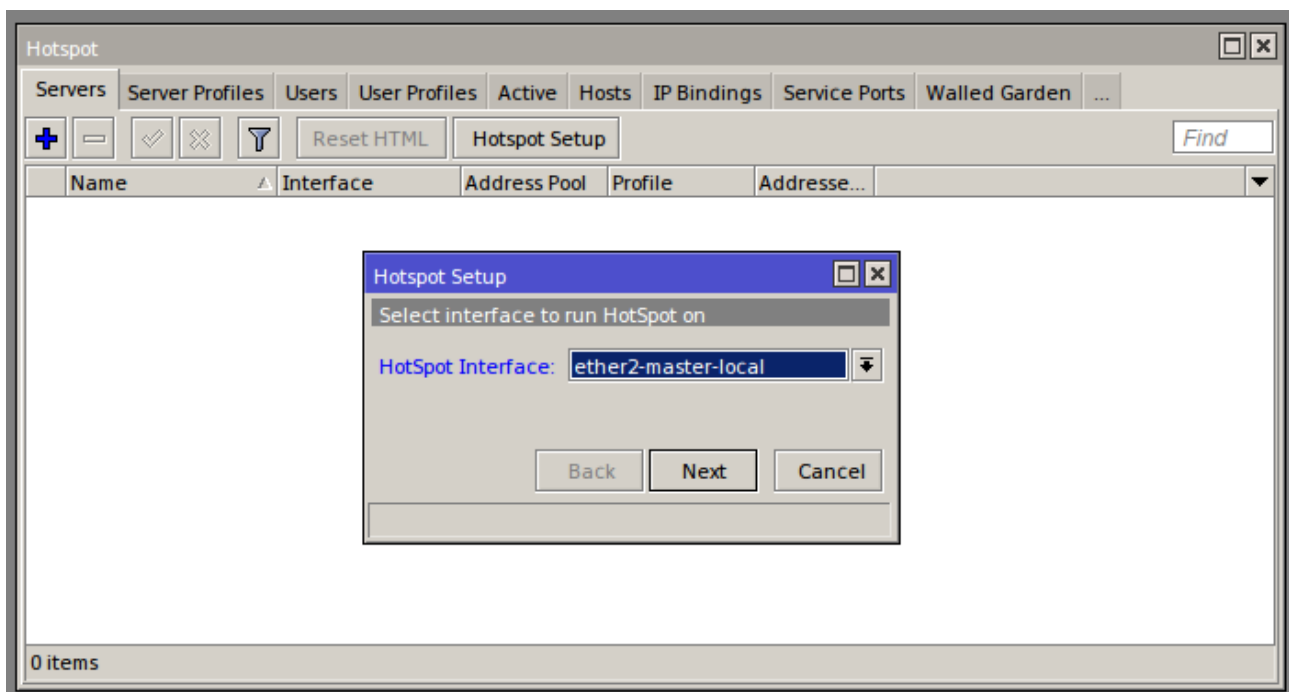
WAN : 192.168.1.88/24 static

MIKROTIK ETH1 : 192.168.1.252/24 static

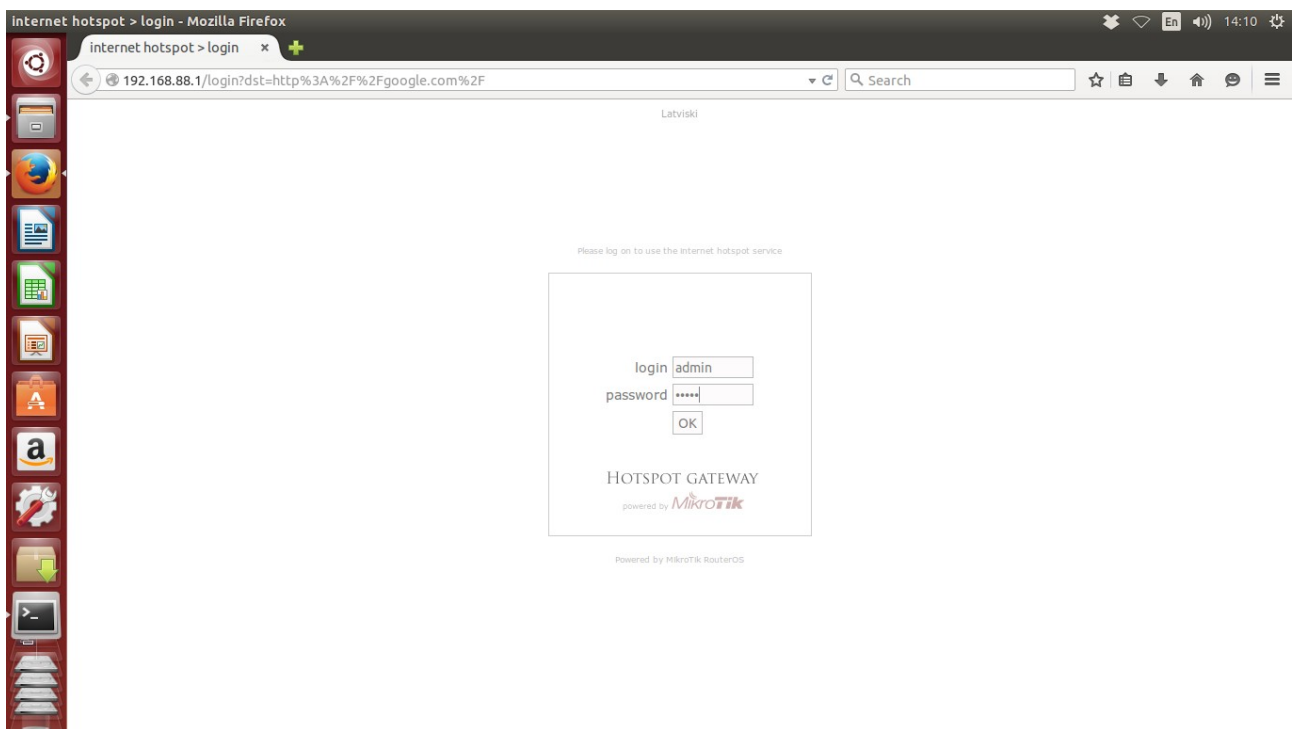
MIKROTIK ETH2 : 192.168.88.1/24 dhcp server

LAN : 192.168.88.0/24 dhcp

1. set hotspot



2. tes client



3. buat profil untuk pembatasan kecepatan internet client

The screenshot shows the Mikrotik WinBox interface with the 'Hotspot' window open. The 'User Profiles' tab is selected, displaying a table of user profiles. The 'limits' profile is selected, and its configuration is shown in the 'Hotspot User Profile <limits>' dialog box.

Name	Session Time...	Idle Timeout	Shared U...	Rate Limit (rx/bx)
default		none	1	
limits		none	50	256k/256k

2 items (1 selected)

Hotspot User Profile <limits>

General | Queue | Advertise | Scripts

Name:

Address Pool:

Session Timeout:

Idle Timeout:

Keepalive Timeout:

Status Autorefresh:

Shared Users:

Rate Limit (rx/bx):

☒ Add MAC Cookie

MAC Cookie Timeout:

Address List:

Incoming Filter:

Outgoing Filter:

Incoming Packet Mark:

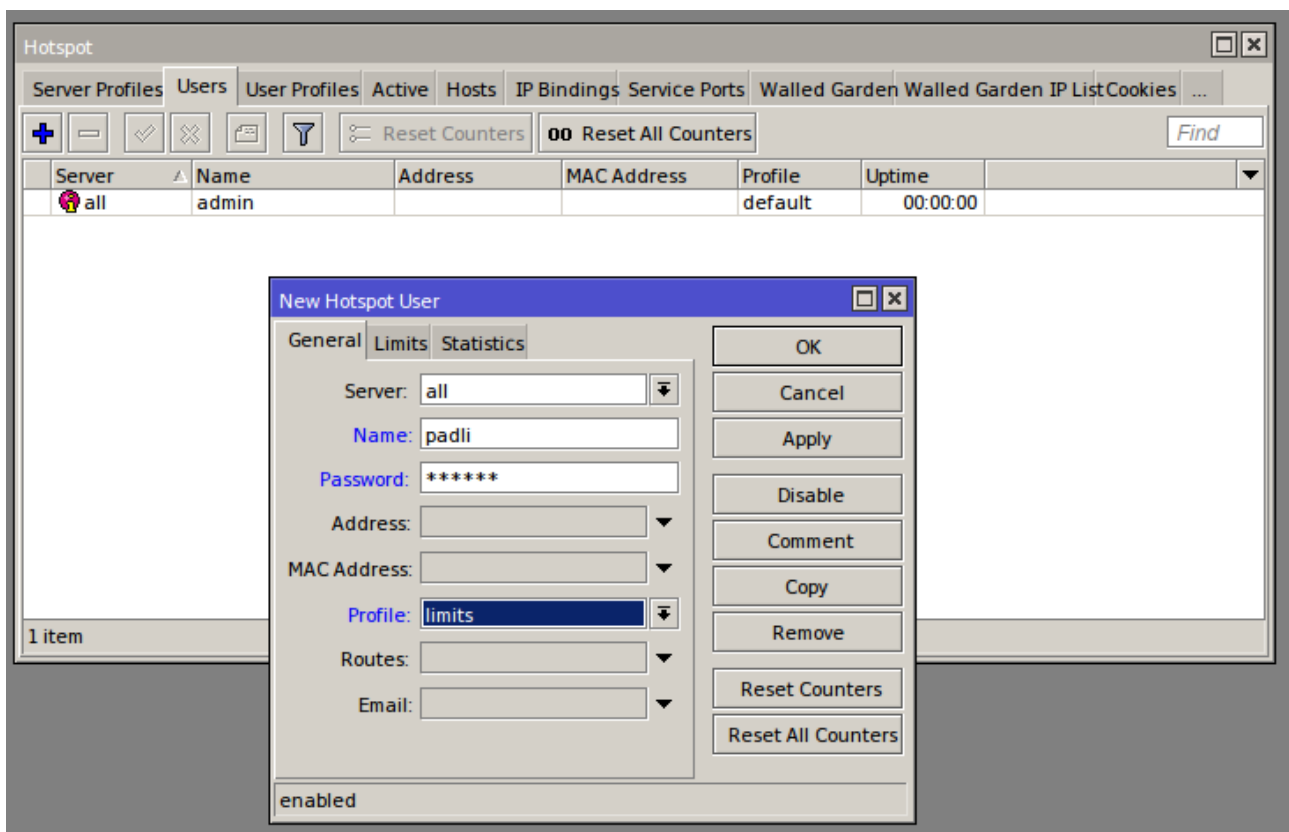
Outgoing Packet Mark:

Open Status Page:

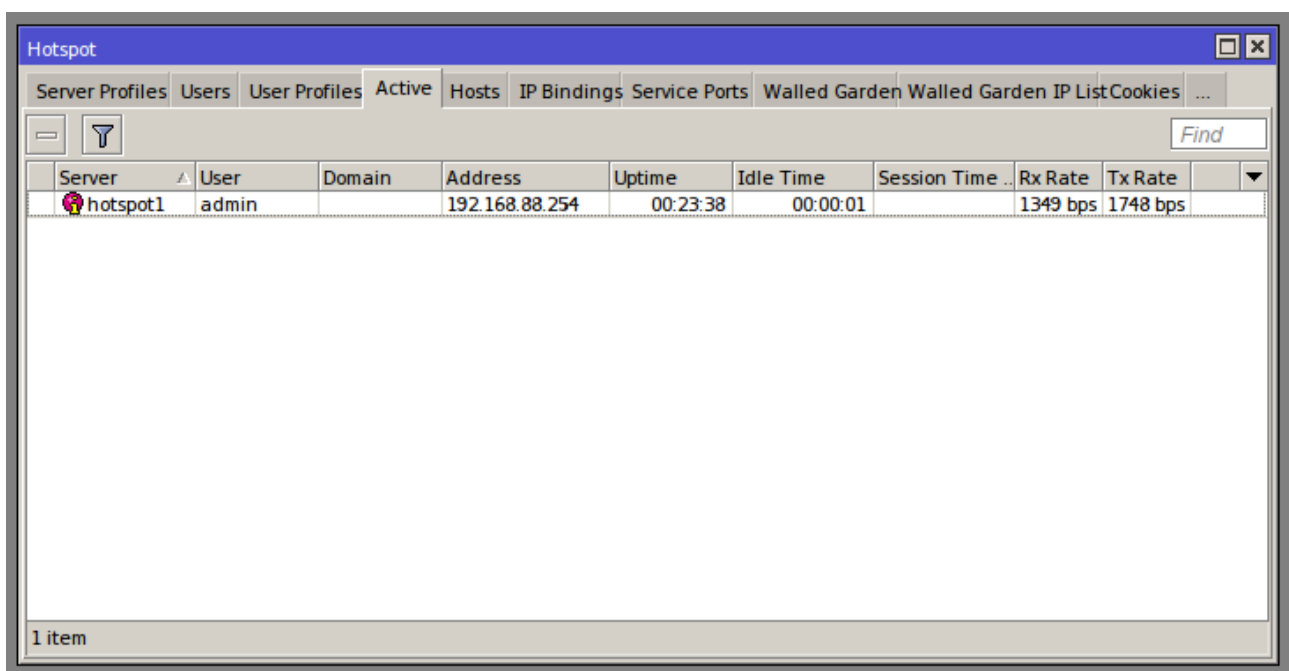
☒ Transparent Proxy

Buttons: OK, Cancel, Apply, Copy, Remove

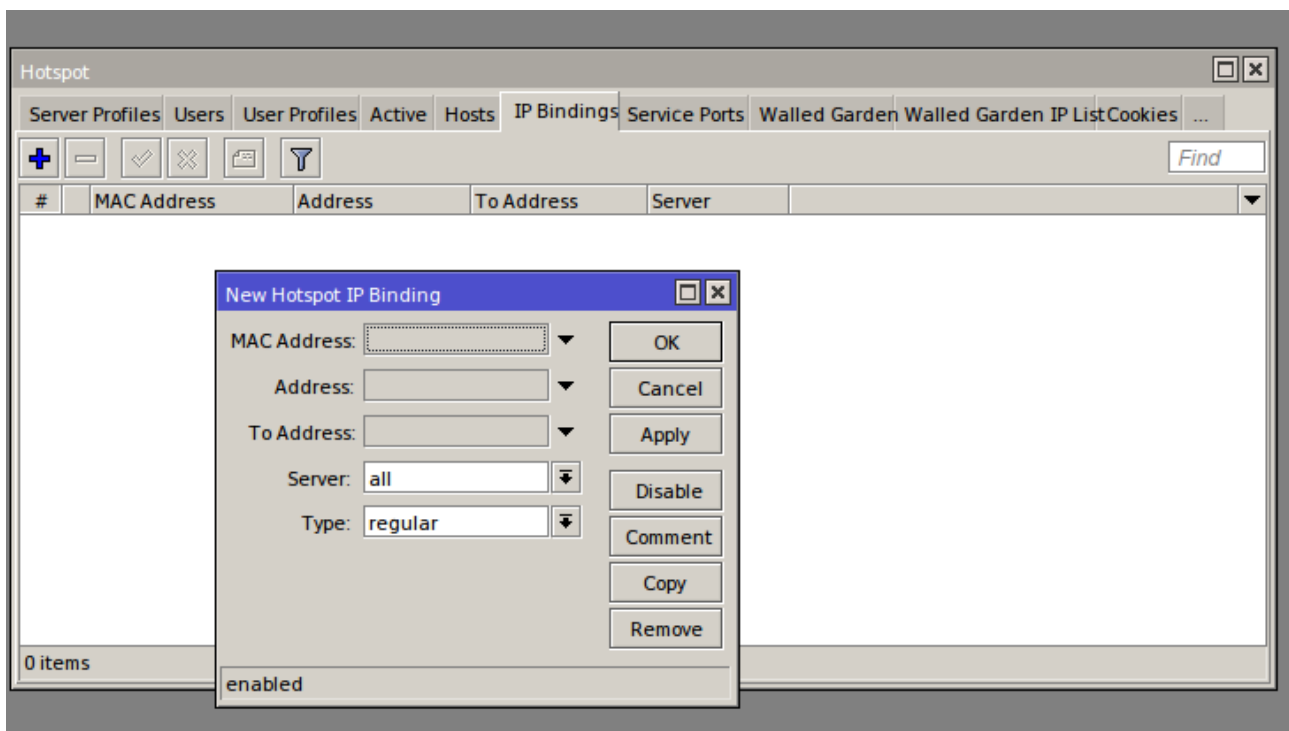
4. tambahkan user (pilih profil limits untuk user biasa)



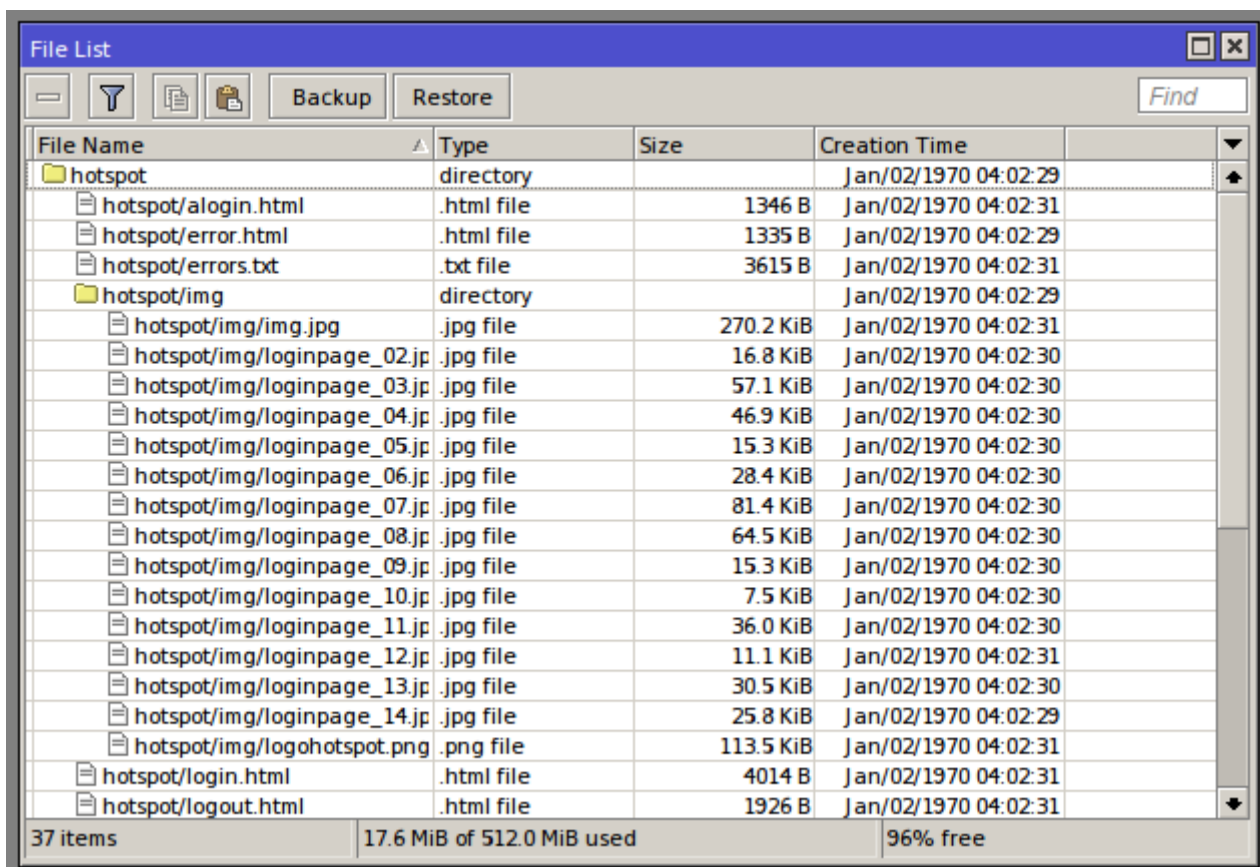
5. daftar user yg online



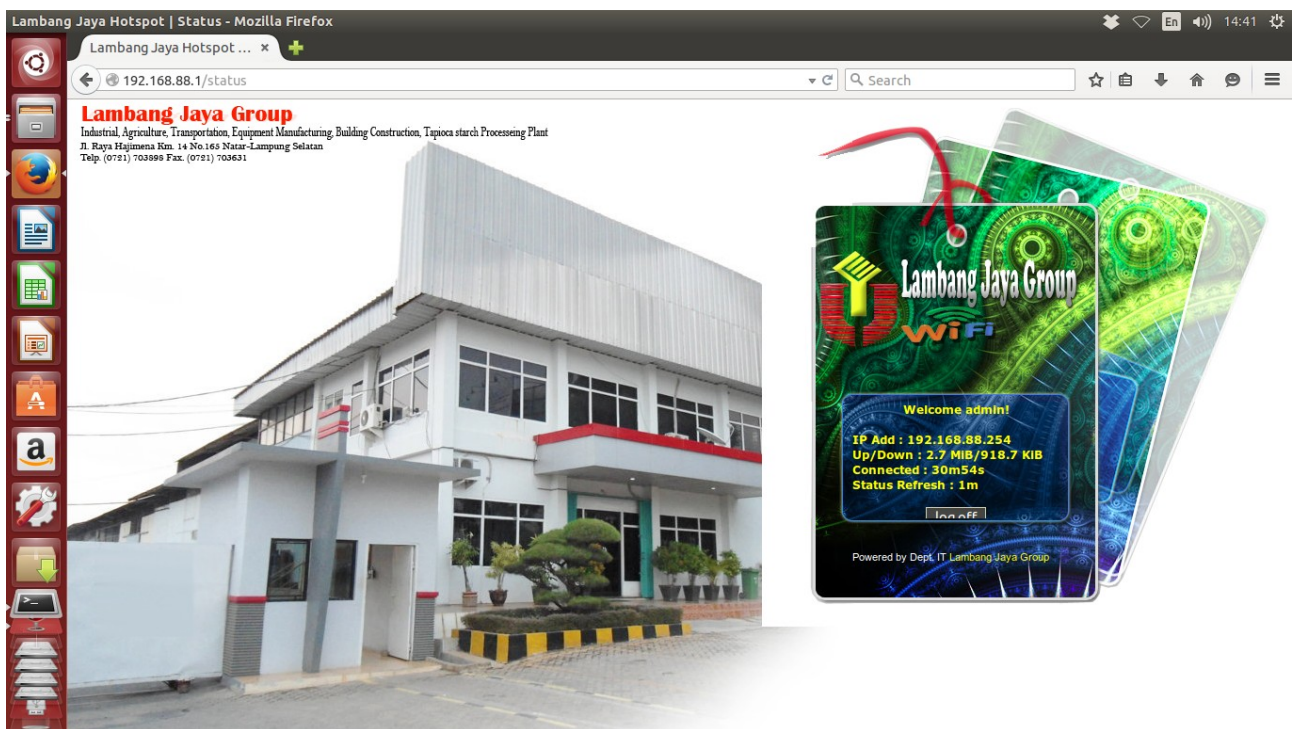
6. tambahkan ip/mac untuk akses langsung tanpa login



7. ganti login page



8. tes client



9. buat ssl certificate untuk login page yg aman

"openssl genrsa -des3 -out hotspot.key 1024"

```
padli@raisa: ~/Desktop
padli@raisa: ~
padli@raisa: ~/Desktop$ openssl genrsa -des3 -out hotspot.key 1024
Generating RSA private key, 1024 bit long modulus
.....+++++
.....+++++
e is 65537 (0x10001)
Enter pass phrase for hotspot.key:
Verifying - Enter pass phrase for hotspot.key:
padli@raisa:~/Desktop$
```

"openssl req -new -key hotspot.key -out hotspot.csr"

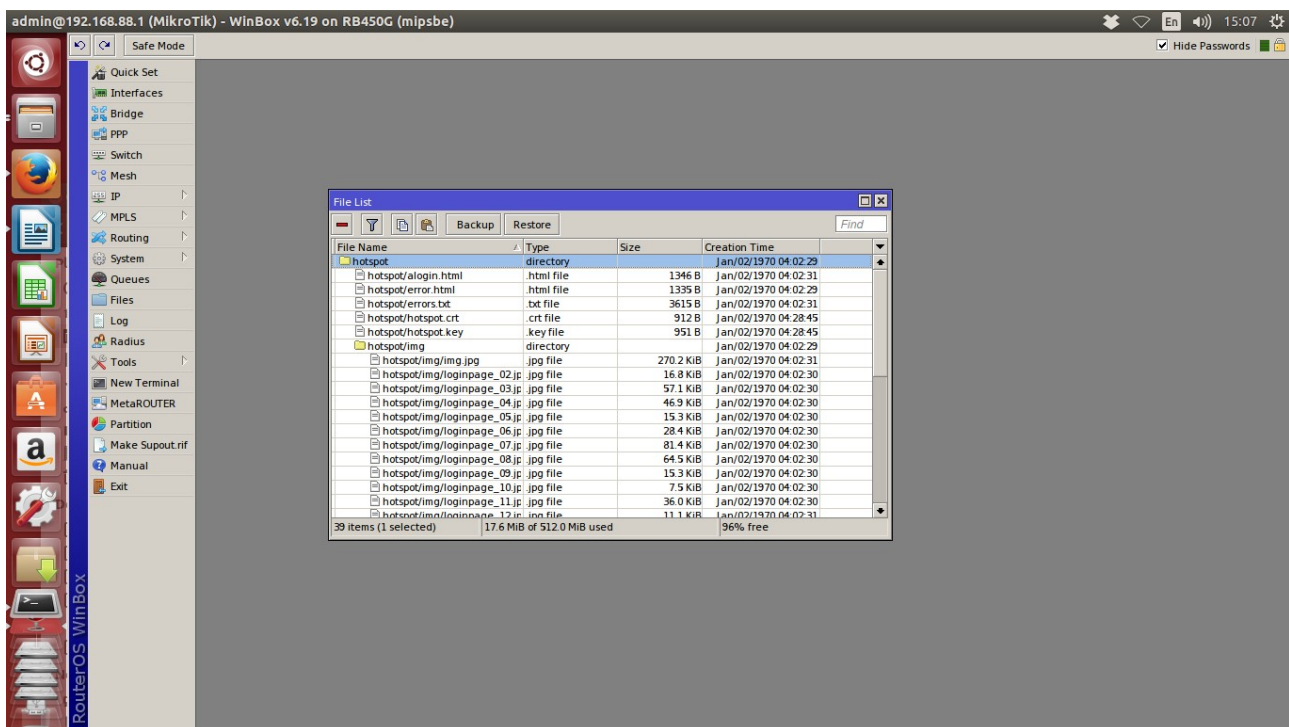
```
Verifying - Enter pass phrase for hotspot.key:
padli@raisa:~/Desktop$ openssl req -new -key hotspot.key -out hotspot.csr
Enter pass phrase for hotspot.key:
You are about to be asked to enter information that will be incorporated
into your certificate request.
What you are about to enter is what is called a Distinguished Name or a DN.
There are quite a few fields but you can leave some blank
For some fields there will be a default value,
If you enter '.', the field will be left blank.
-----
Country Name (2 letter code) [AU]:id
State or Province Name (full name) [Some-State]:lampung
Locality Name (eg, city) []:natar
Organization Name (eg, company) [Internet Widgits Pty Ltd]:lj
Organizational Unit Name (eg, section) []:it
Common Name (e.g. server FQDN or YOUR name) []:padli
Email Address []:padliyulian@gmail.com

Please enter the following 'extra' attributes
to be sent with your certificate request
A challenge password []:
An optional company name []:
padli@raisa:~/Desktop$
```

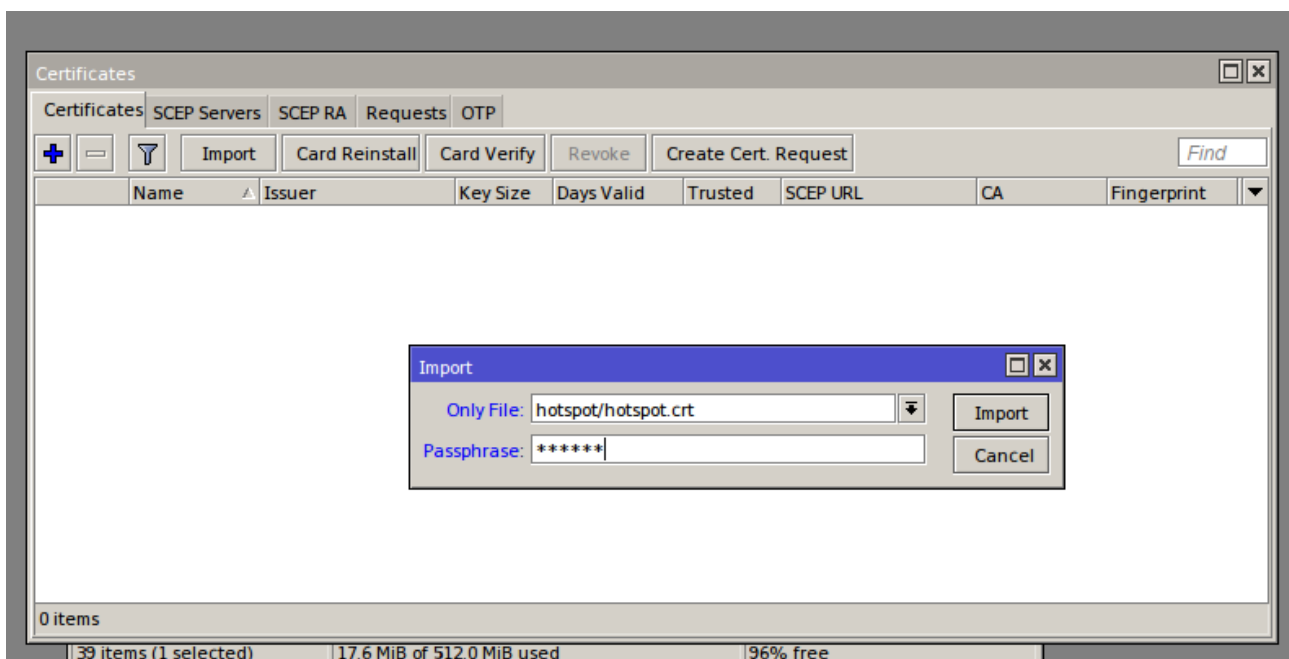
"openssl x509 -req -days 10000 -in hotspot.csr -signkey hotspot.key -out hotspot.crt"

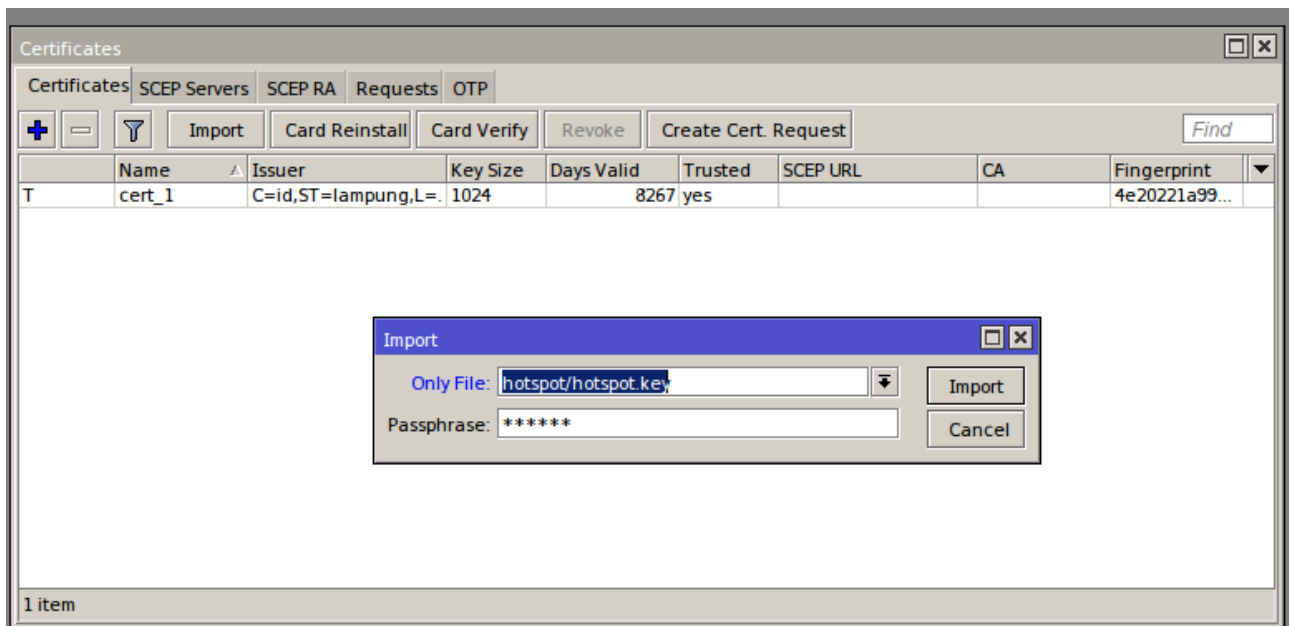
```
padli@raisa: ~/Desktop
padli@raisa: ~/Desktop
padli@raisa:~/Desktop$ openssl x509 -req -days 10000 -in hotspot.csr -signkey ho
tspot.key -out hotspot.crt
Signature ok
subject=/C=id/ST=lampung/L=natar/O=lj/OU=it/CN=padli/emailAddress=padliyulian@ym
ail.com
Getting Private key
Enter pass phrase for hotspot.key:
padli@raisa:~/Desktop$
```

10. copy cert lewat winbox

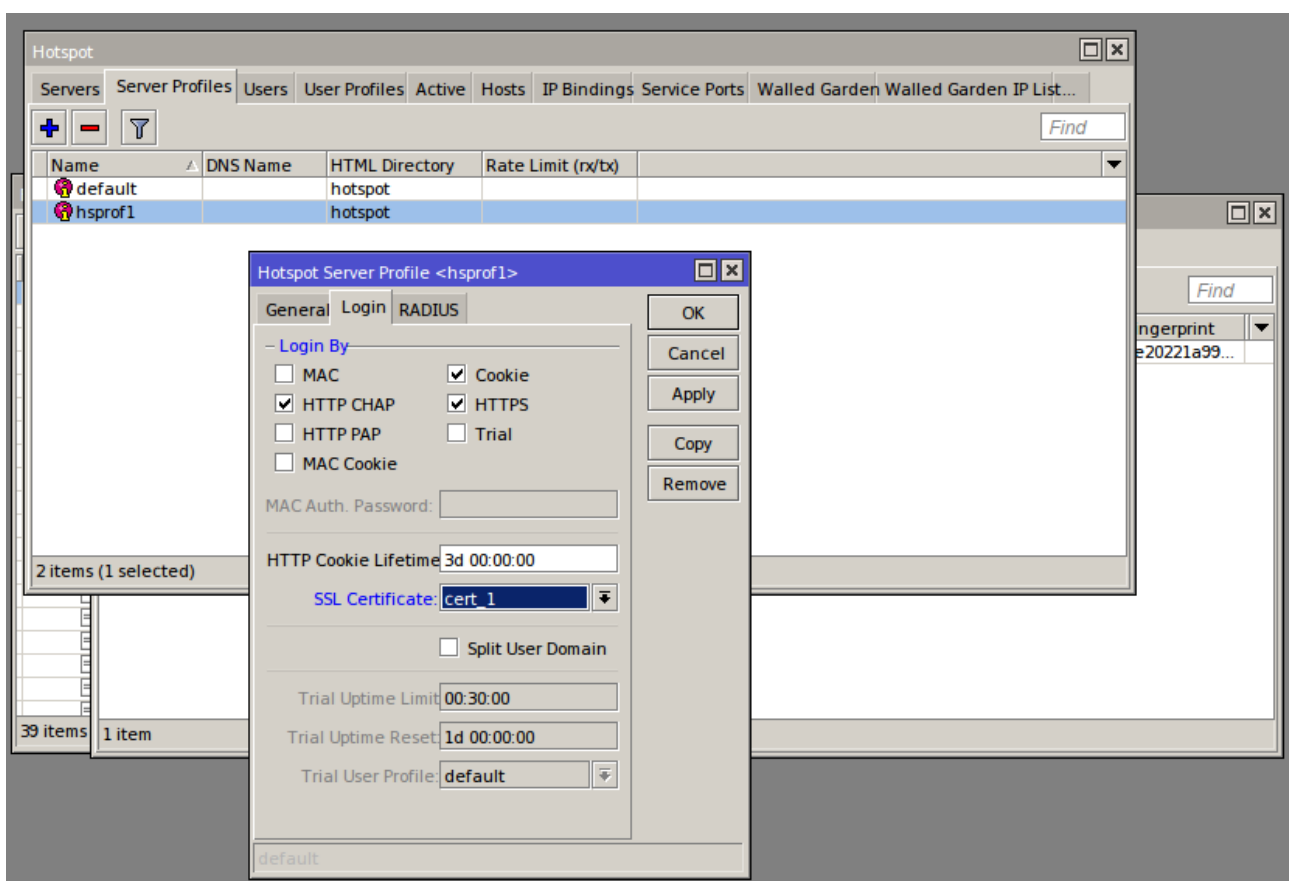


11. import cert

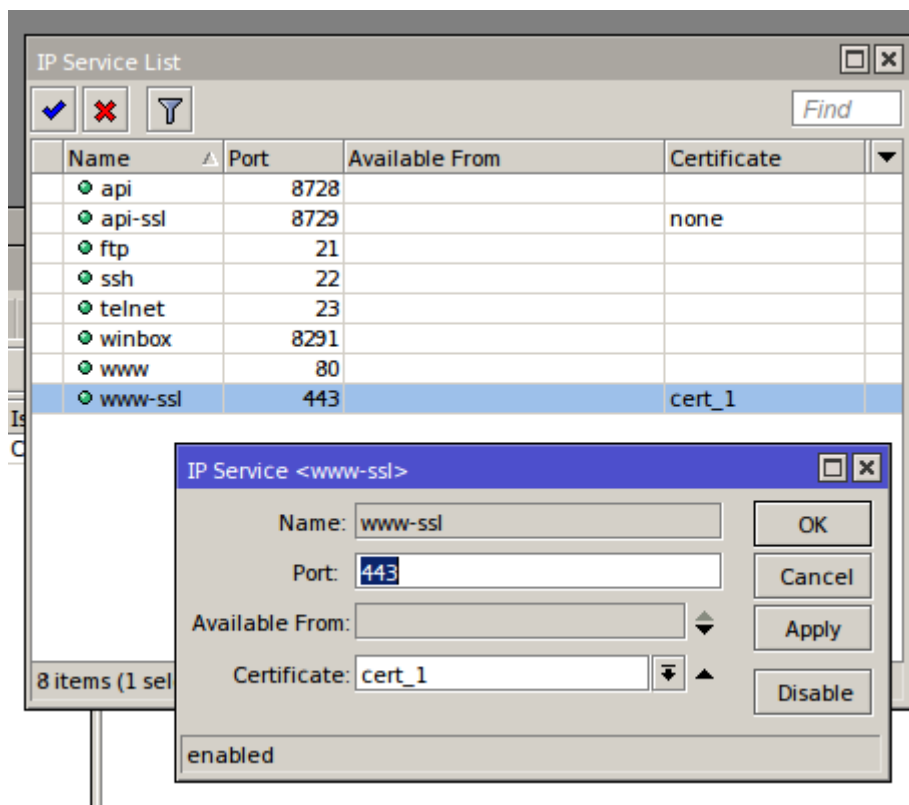




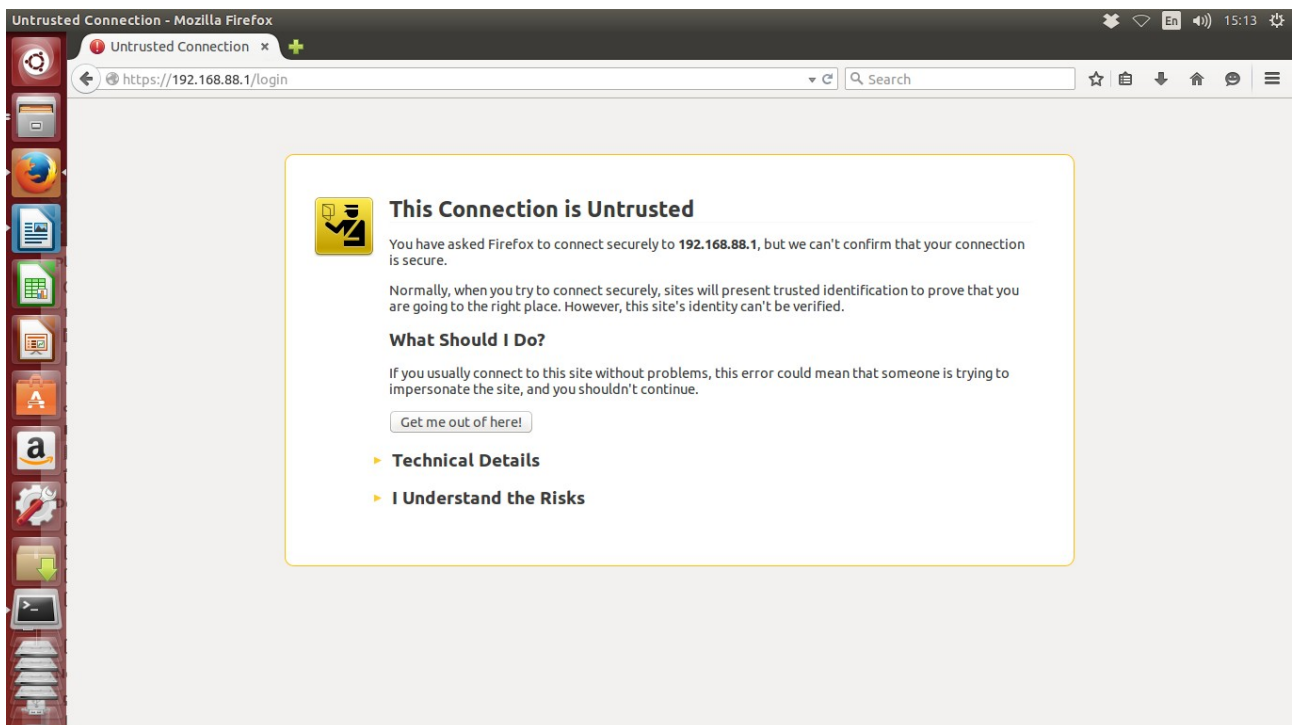
12. set hotspot server profile

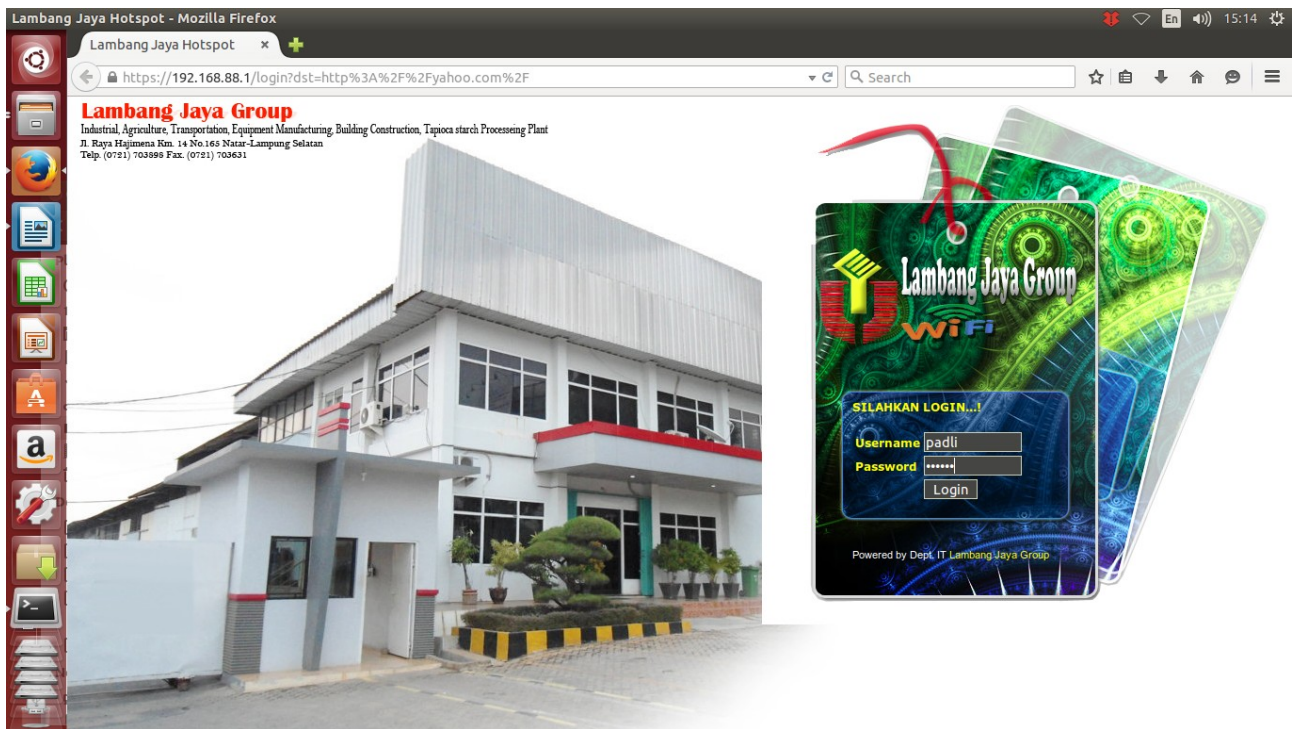


13. set service ssl



14. tes client perhatikan url (dari http ke https)





Dok 15/05/2015 padliyulian@ymail.com