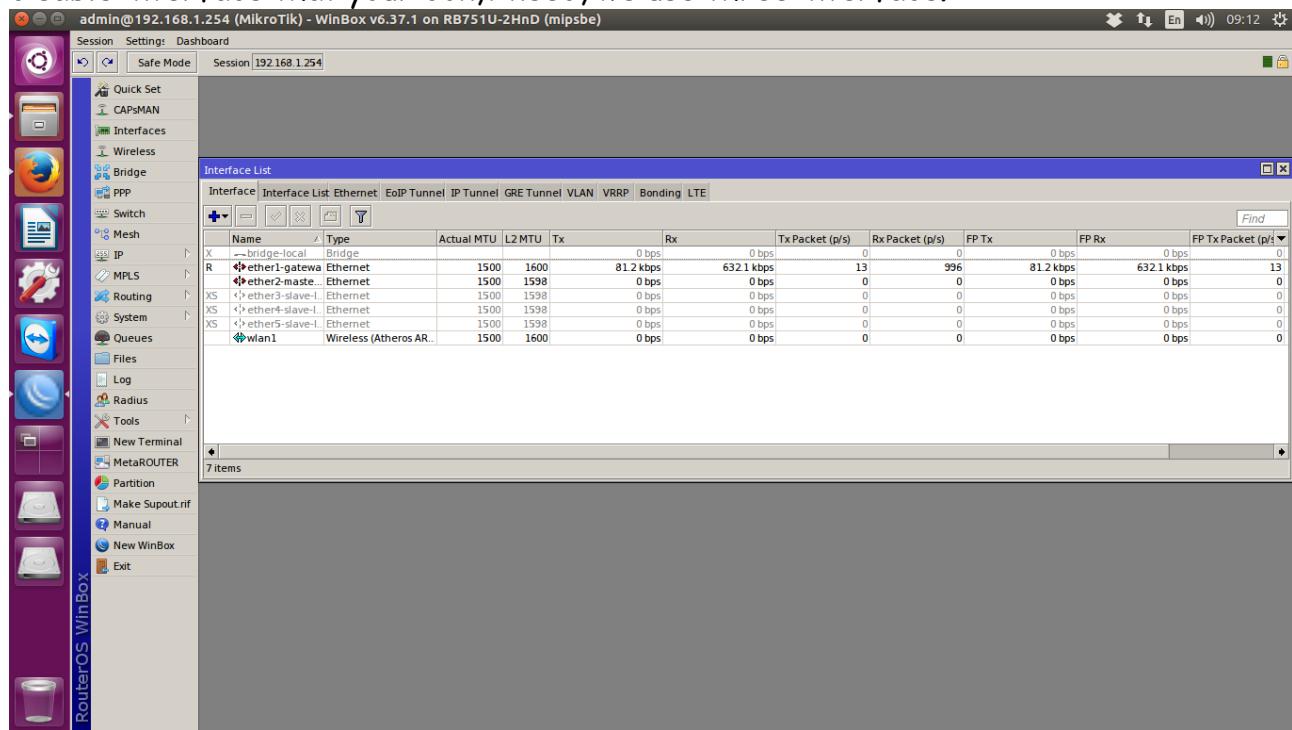


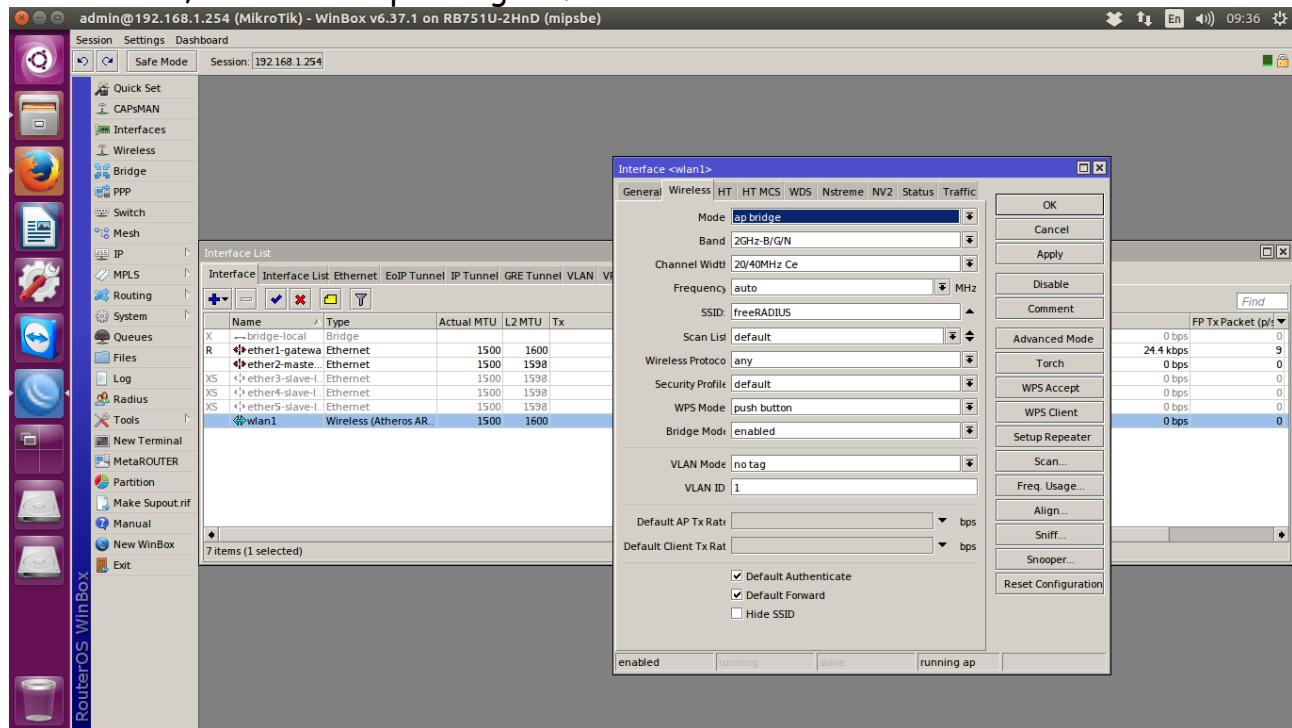
HOW TO SET UP BILLING HOTSPOT ON MIKROTIK

on this example we use RB751 include wifi, if your mikrotik don't have wifi, you must connected access point using utp cable on ether2,3,4 etc.

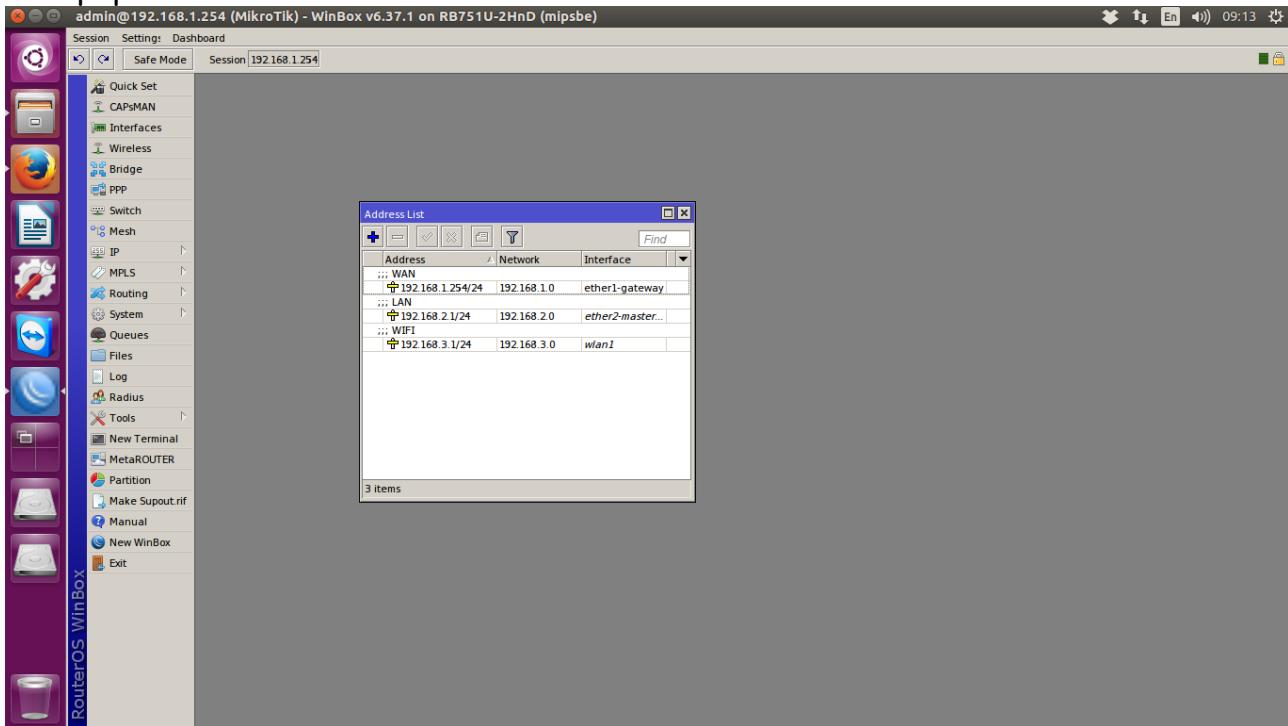
disable interface that your don't need, we use three interface.



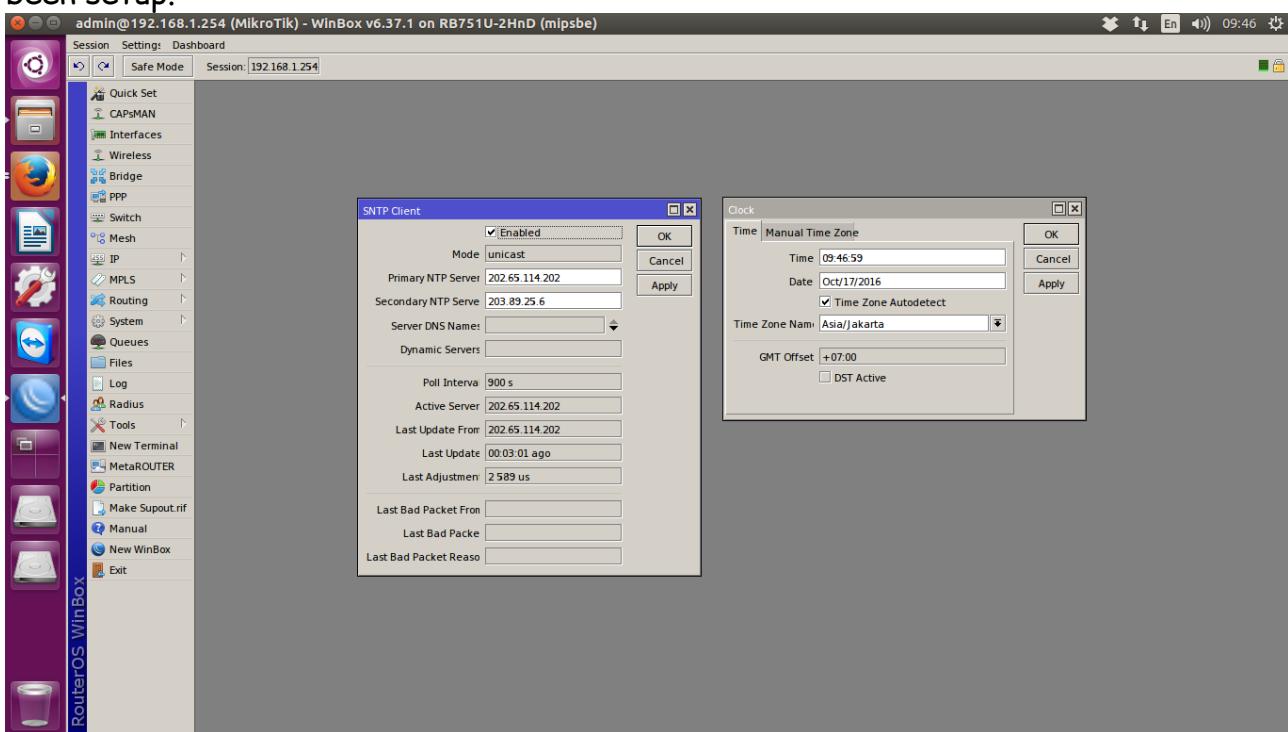
Make SSID, on this example we give freeRADIUS.



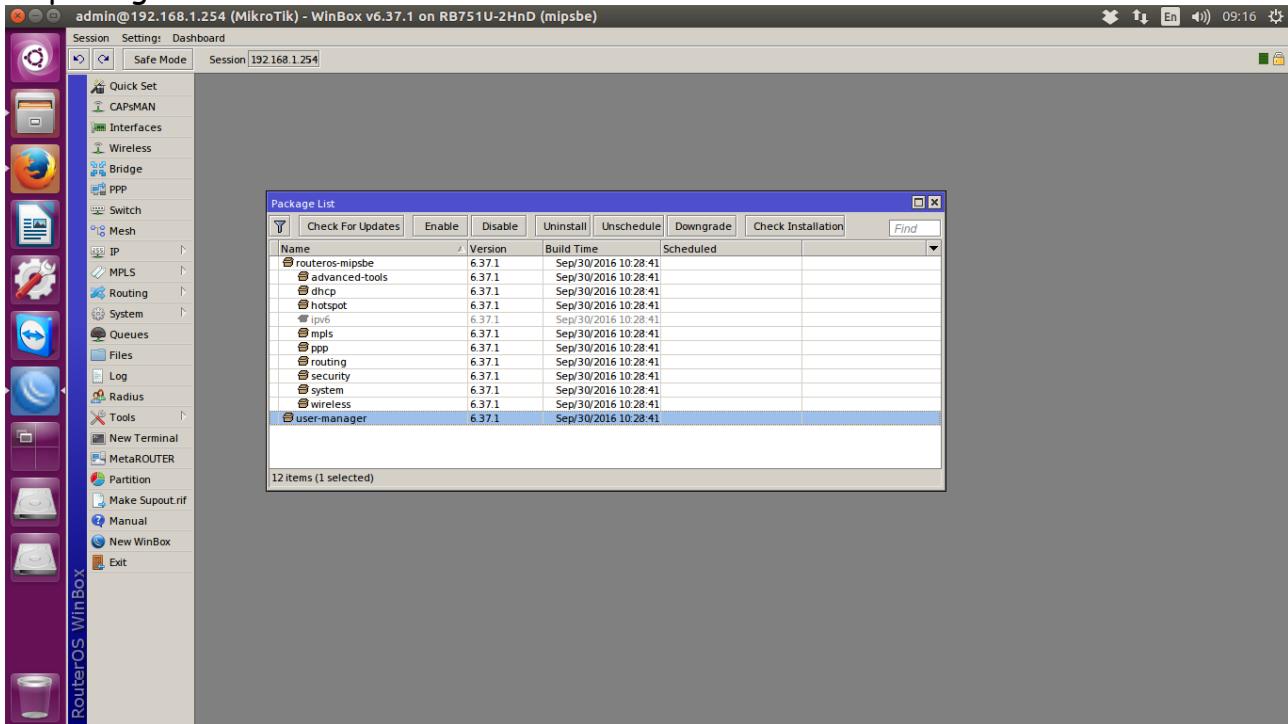
Setup ip address.



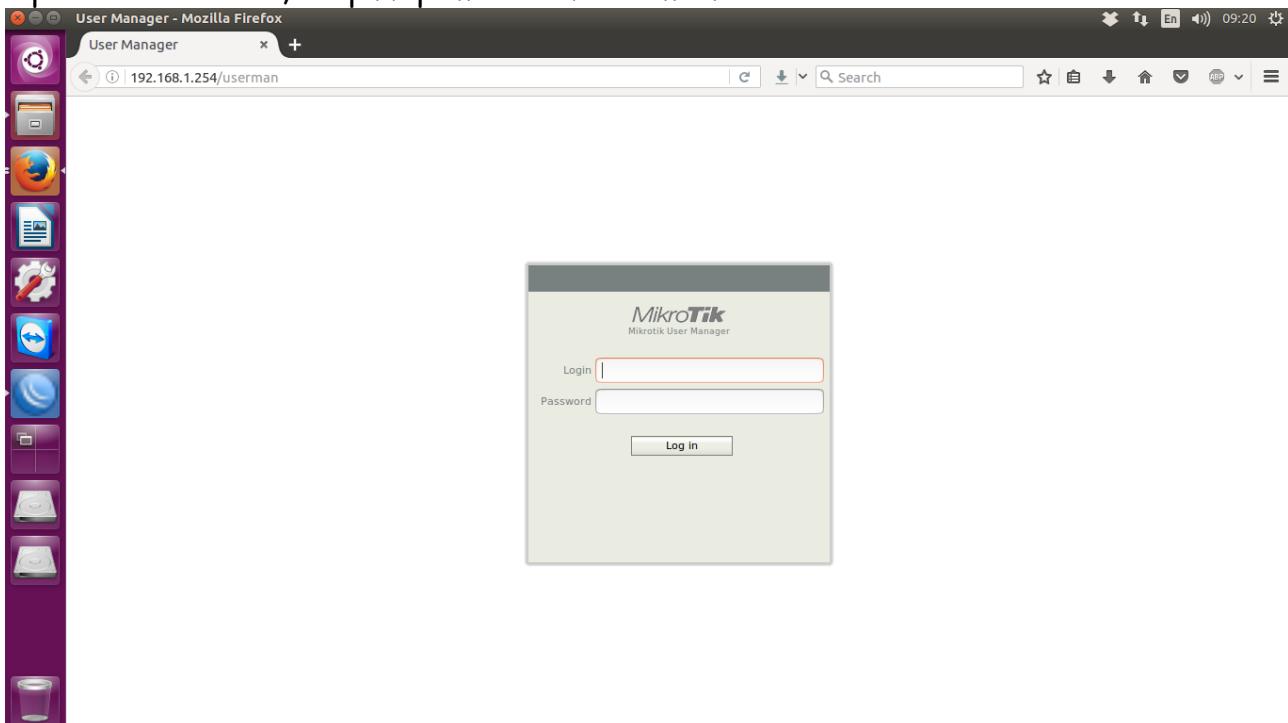
Setup clock using NTP client, make sure DNS, Route, etc to connect internet has been setup.



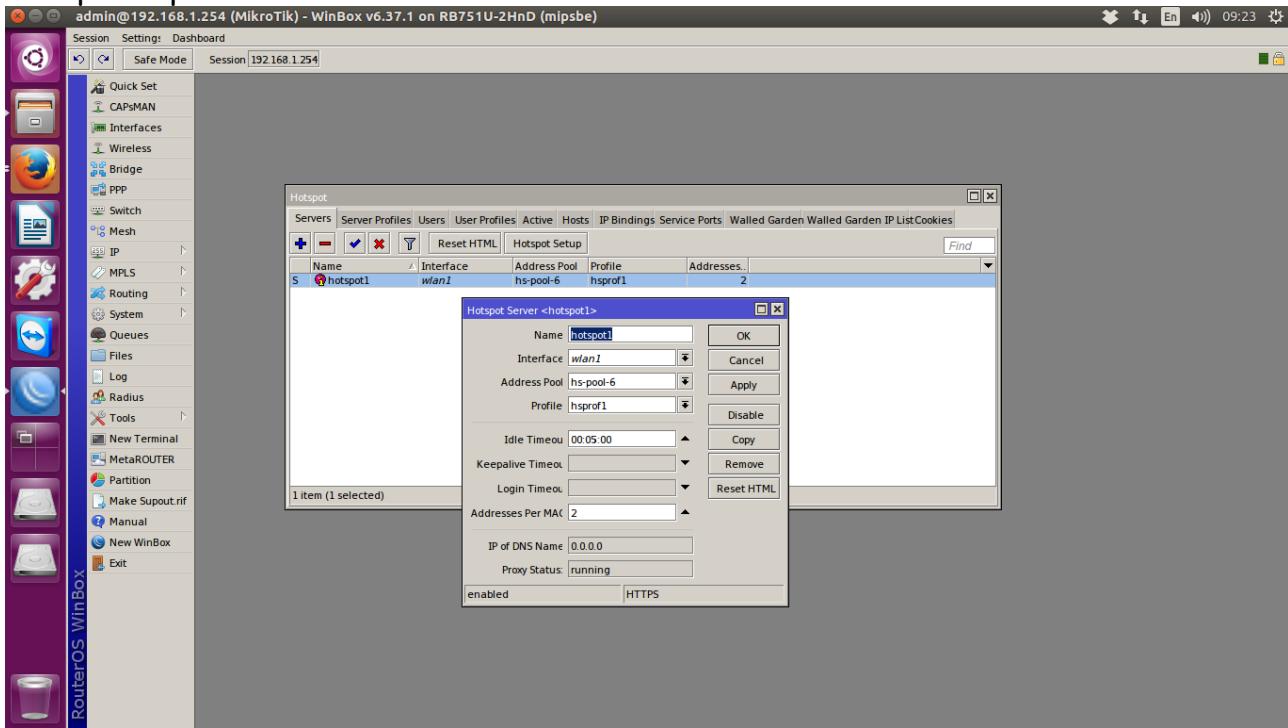
Make sure your mikrotik connected on internet, cek user manager has been installed on package list.



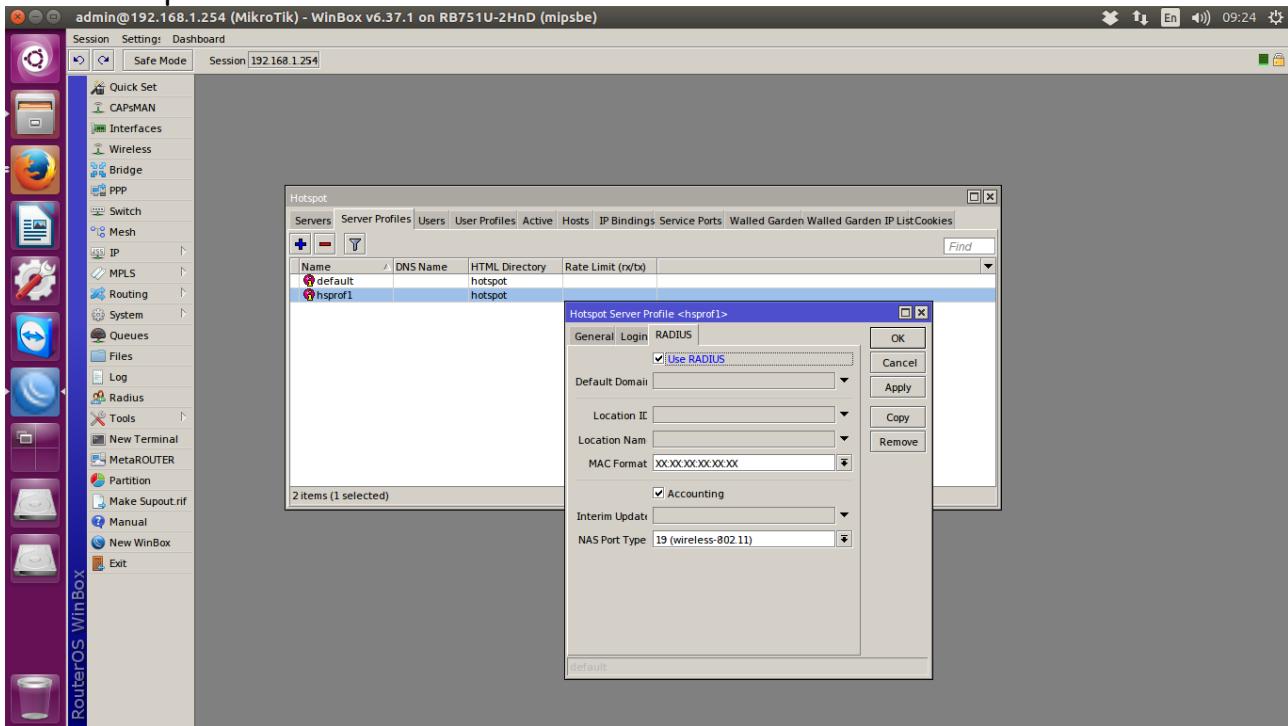
Open web browser, <http://ip-mikrotik/userman>.



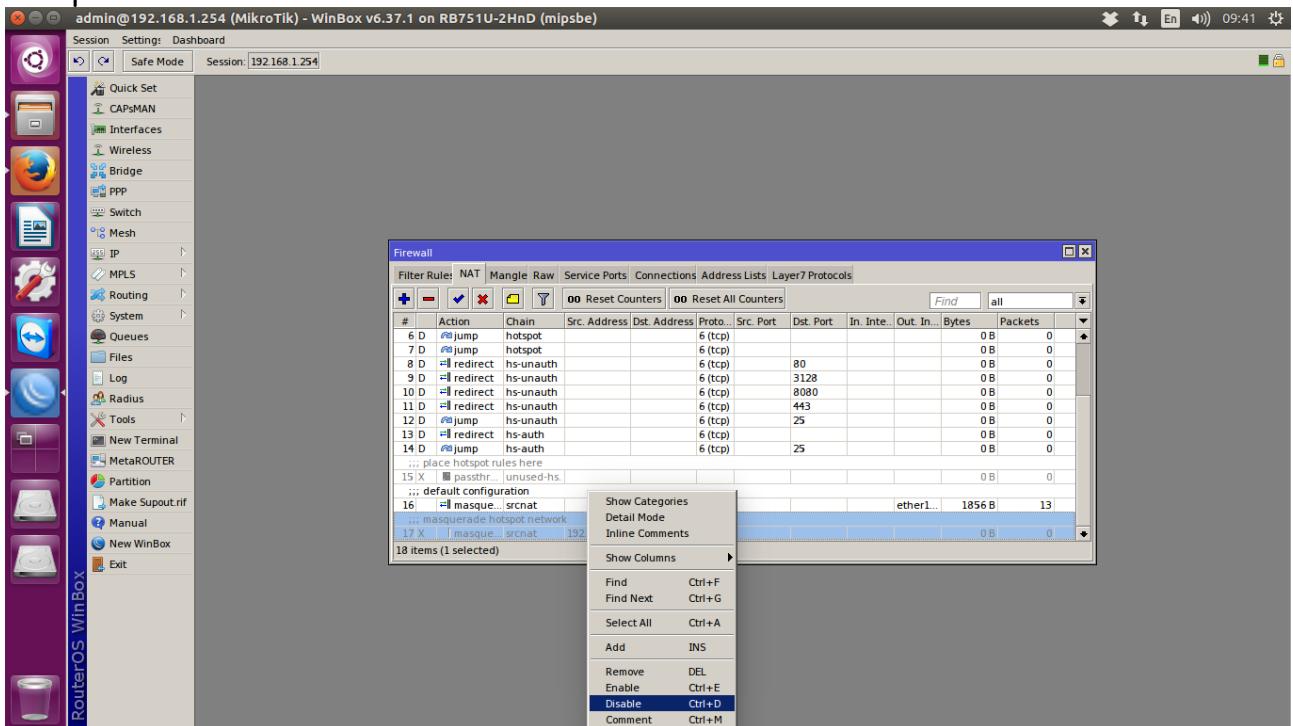
Setup hotspot on wlan interface.



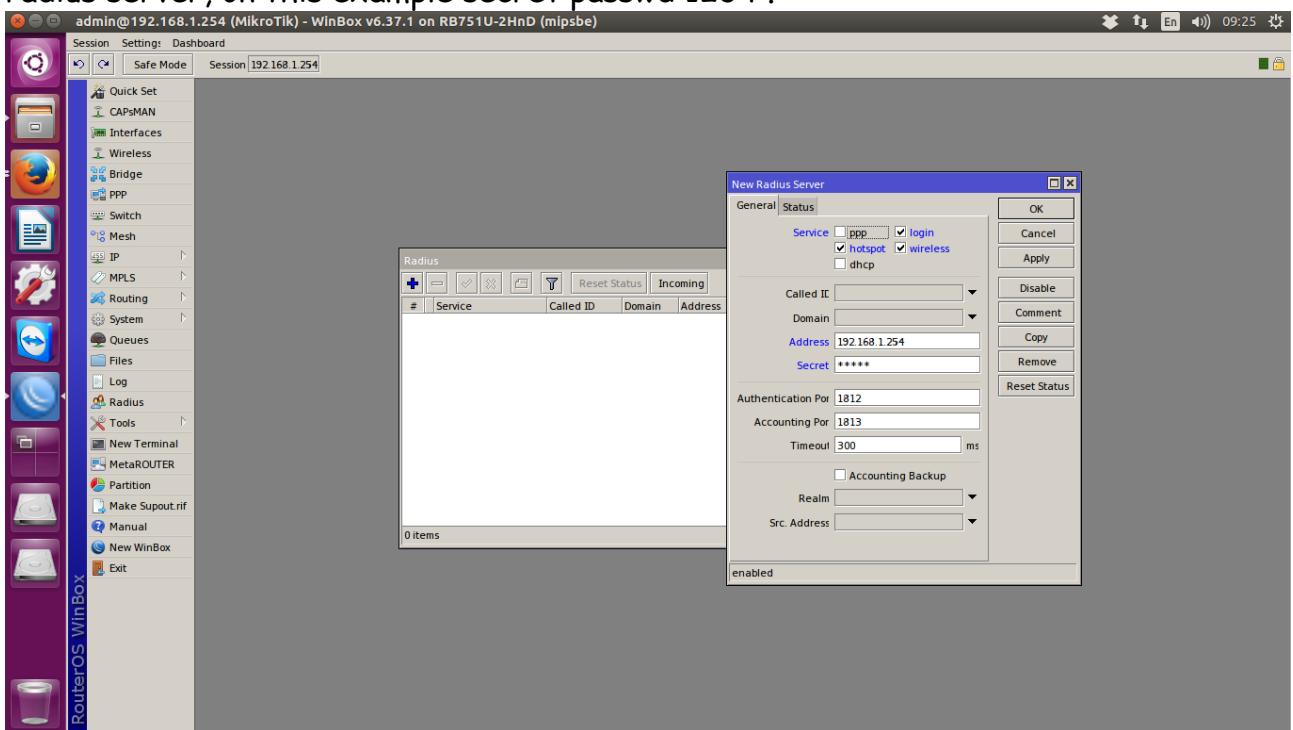
On server profiles check list use radius.



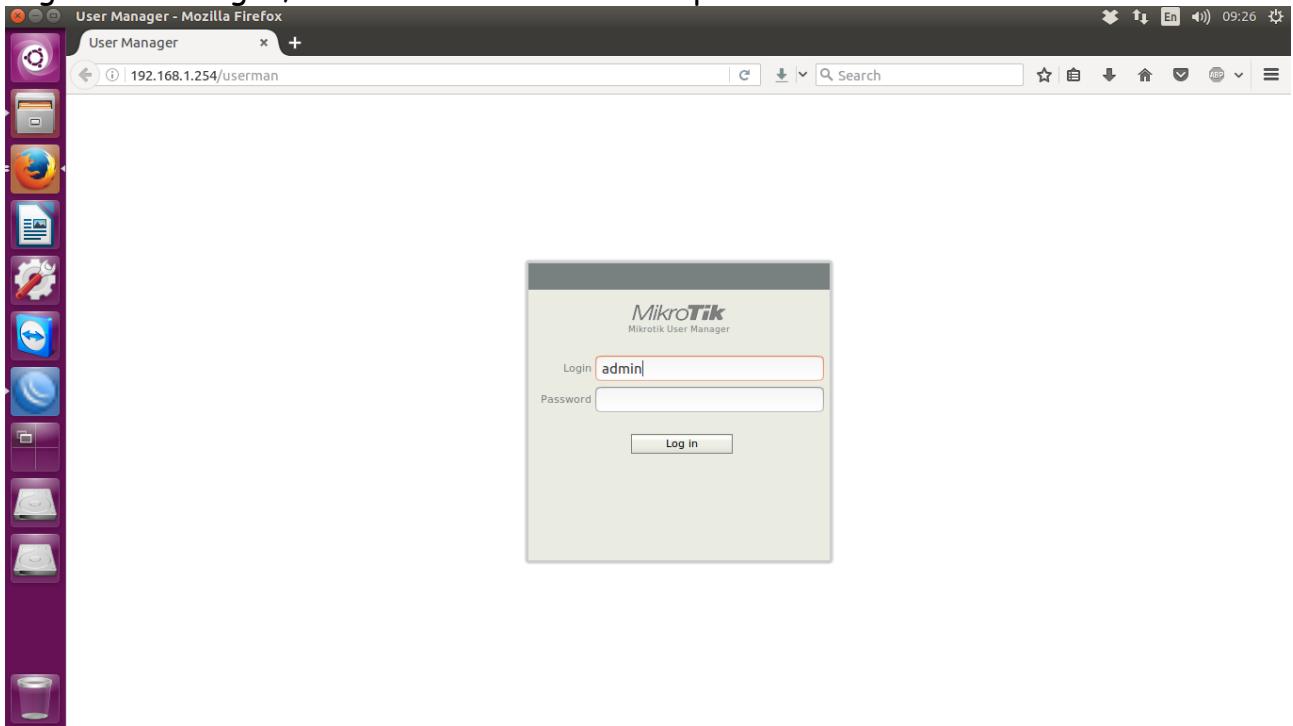
On firewall→nat disable masquerade hotspot network that include when we setup hotspot.



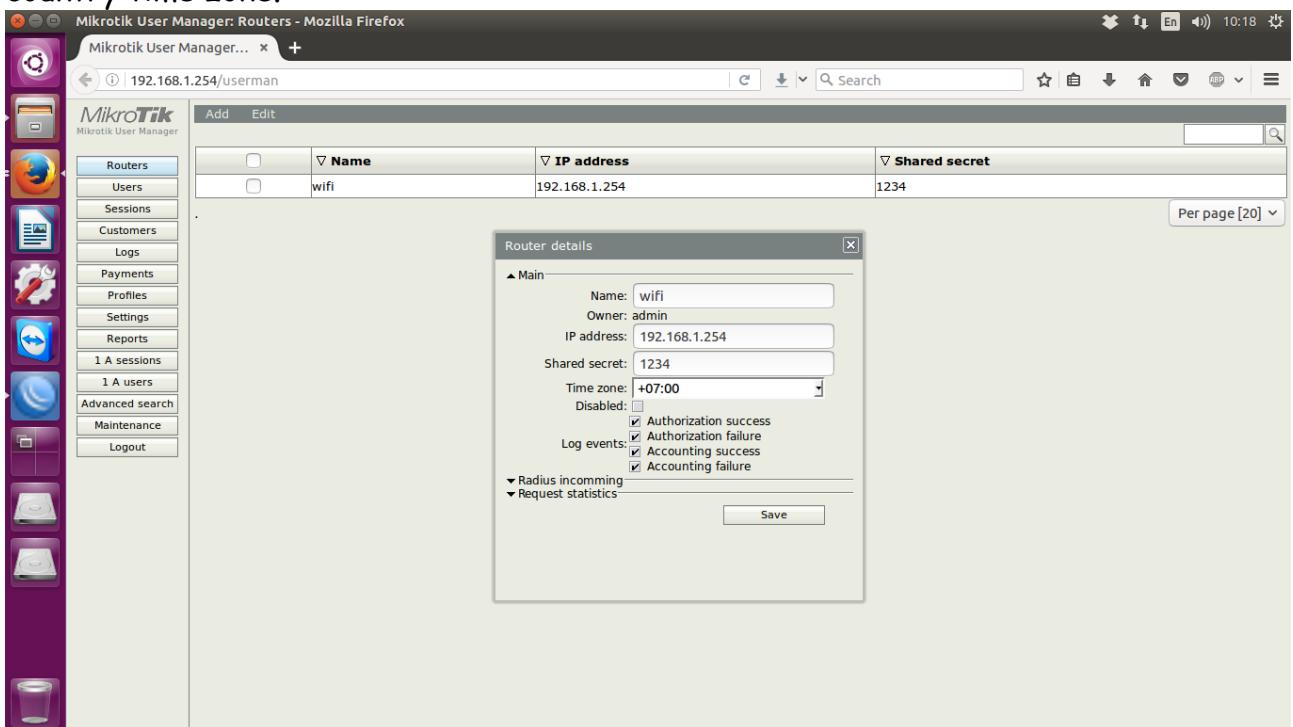
Setup radius server, add new radius, insert wan ip adress & secret passwd to connect radius server, on this example secret passwd 1234 .



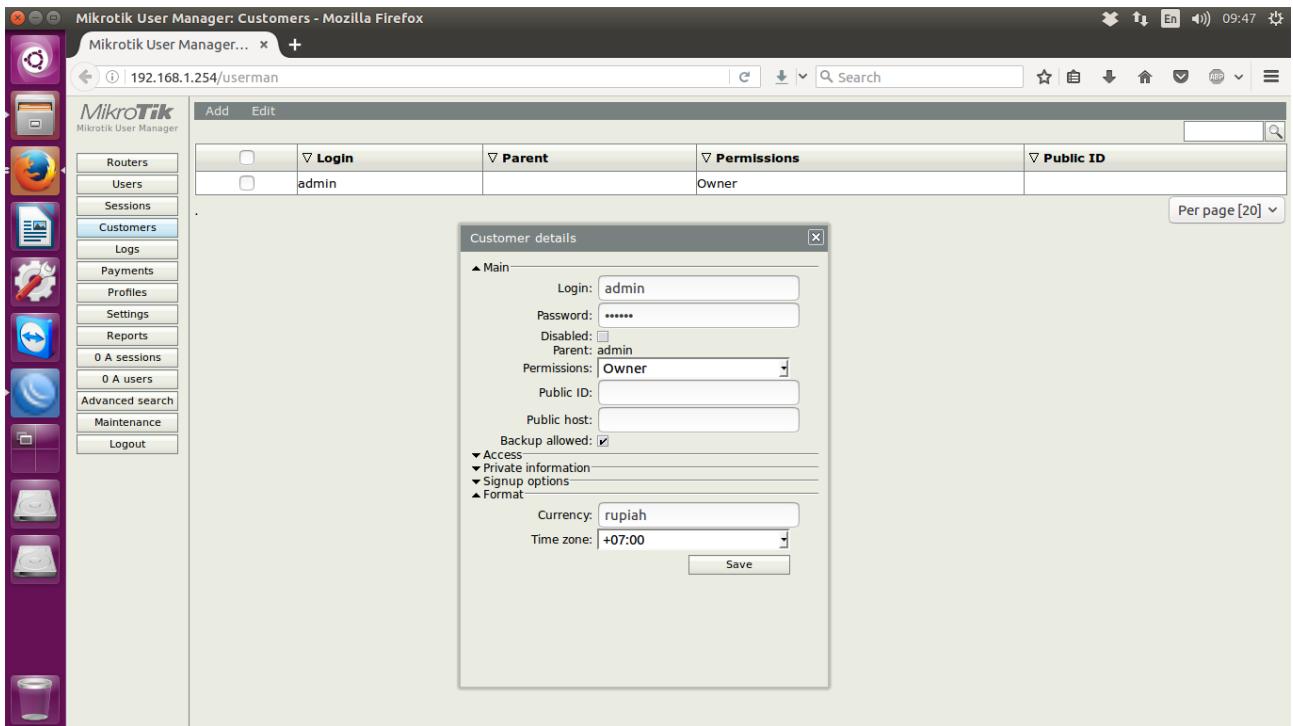
Login usermanager, default user admin and no password.



Setup routers, add new router, insert wan ip address and secret password, your country time zone.



Setup customers, give password for login userman, set your country currency and time zone.



MikroTik User Manager: Customers - Mozilla Firefox

MikroTik User Manager... 09:47

192.168.1.254/userman

Add Edit

	>Login	Parent	Permissions	Public ID
	admin		Owner	

Per page [20] ▾

Customer details

Main

- Login: admin
- Password:
- Disabled:
- Parent: admin
- Permissions: Owner
- Public ID:
- Public host:
- Backup allowed:

Access

Private information

Signup options

Format

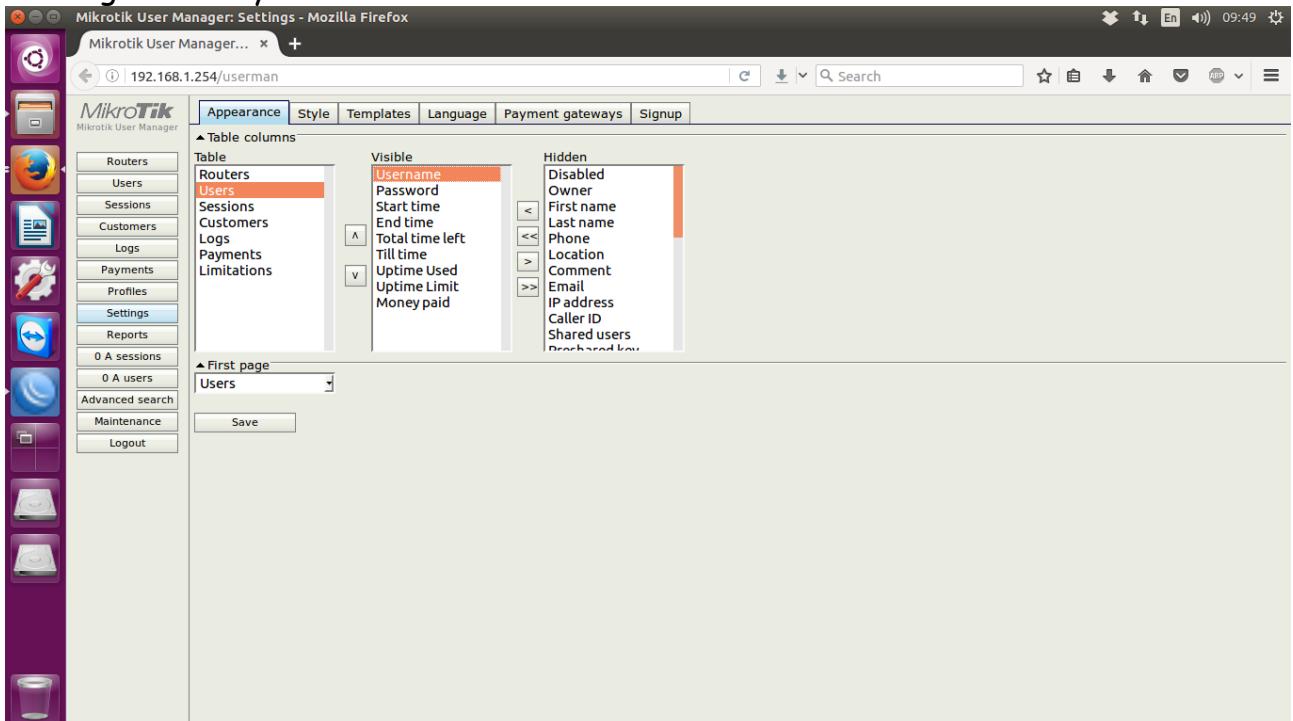
- Currency: rupiah
- Time zone: +07:00

Save

Logout

Routers
Users
Sessions
Customers
Logs
Payments
Profiles
Settings
Reports
0 A sessions
0 A users
Advanced search
Maintenance

Settings visibility to show.



MikroTik User Manager: Settings - Mozilla Firefox

MikroTik User Manager... 09:49

192.168.1.254/userman

Appearance Style Templates Language Payment gateways Signup

Table columns

Table: **Users**

Visible: **Username**

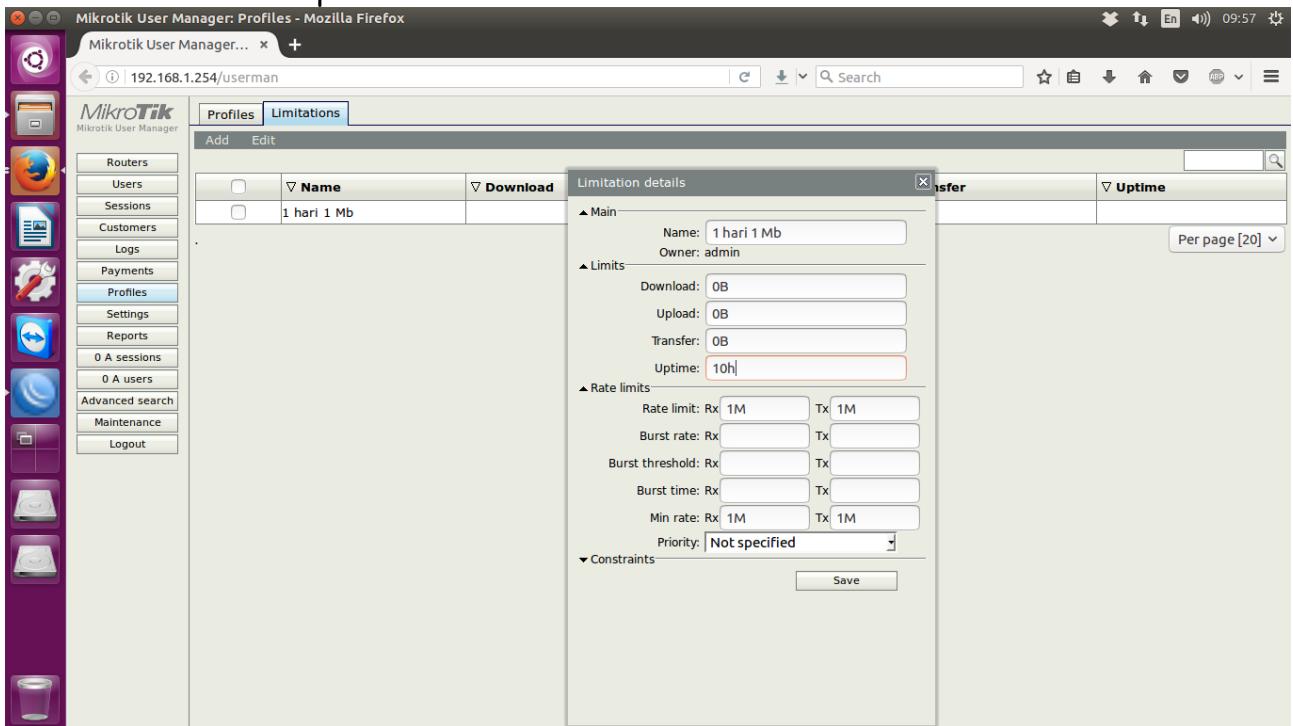
Hidden: Disabled, Owner, First name, Last name, Phone, Location, Comment, Email, IP address, Caller ID, Shared users, Banned user

First page: Users

Save

Routers
Users
Sessions
Customers
Logs
Payments
Profiles
Settings
Reports
0 A sessions
0 A users
Advanced search
Maintenance
Logout

Setup profiles, add new limitation, on this example we set uptime 10 hour and bandwidth limit 1 Mbps.



MikroTik User Manager: Profiles - Mozilla Firefox

192.168.1.254/userman

Profiles Limitations

Name	Download
1 hari 1 Mb	

Limitation details

Main

- Name: 1 hari 1 Mb
- Owner: admin
- Download: 0B
- Upload: 0B
- Transfer: 0B
- Uptime: 10h

Limits

- Rate limit: Rx 1M Tx 1M
- Burst rate: Rx _____ Tx _____
- Burst threshold: Rx _____ Tx _____
- Burst time: Rx _____ Tx _____
- Min rate: Rx 1M Tx 1M

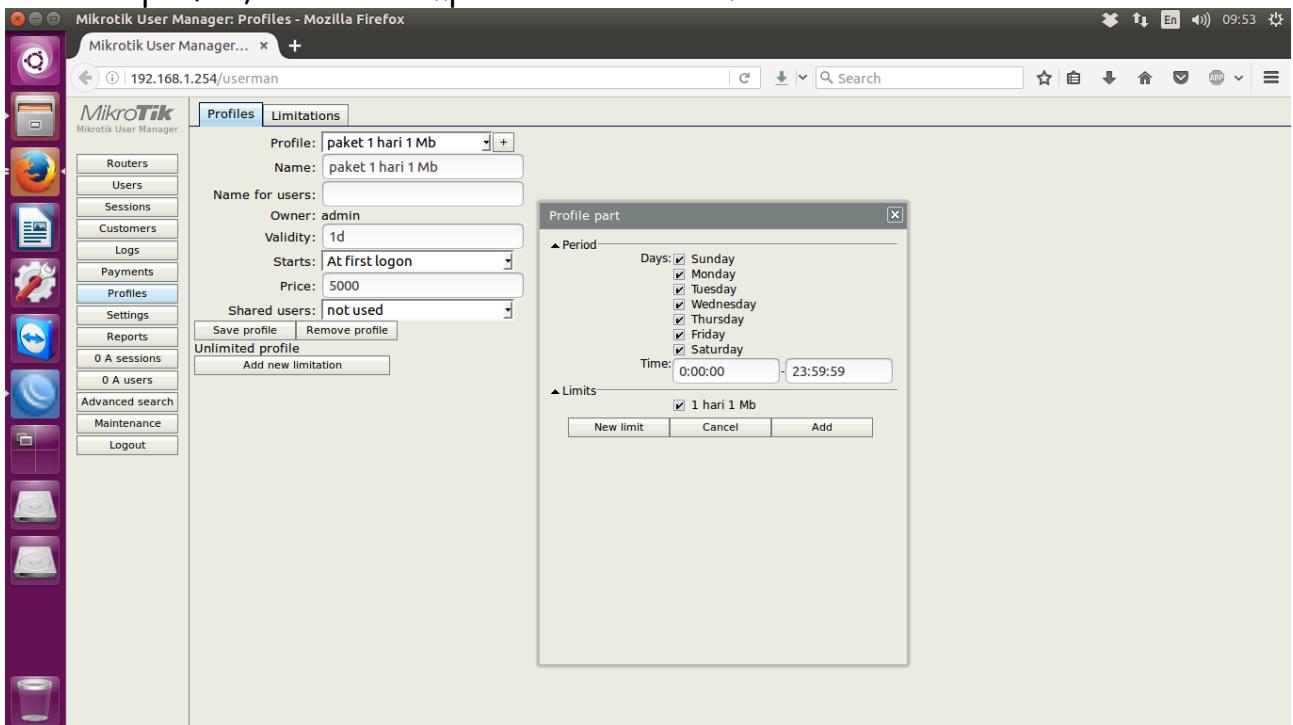
Rate limits

- Priority: Not specified

Constraints

Save

Add new profile, on this example we set like this.



MikroTik User Manager: Profiles - Mozilla Firefox

192.168.1.254/userman

Profiles Limitations

Profile: paket 1 hari 1 Mb

Name: paket 1 hari 1 Mb

Name for users:

Owner: admin

Validity: 1d

Starts: At first logon

Price: 5000

Shared users: not used

Save profile Remove profile

Unlimited profile

Add new limitation

Profile part

Period

- Days: Sunday Monday Tuesday Wednesday Thursday Friday Saturday
- Time: 0:00:00 - 23:59:59

Limits

- 1 hari 1 Mb

New limit Cancel Add

MikroTik User Manager: Profiles - Mozilla Firefox

MikroTik User Manager... +

192.168.1.254/userman

Profiles Limitations

Profile: paket 1 hari 1 Mb +

Name: paket 1 hari 1 Mb

Name for users:

Owner: admin

Validity: 1d

Starts: At first logon

Price: 5000

Shared users: not used

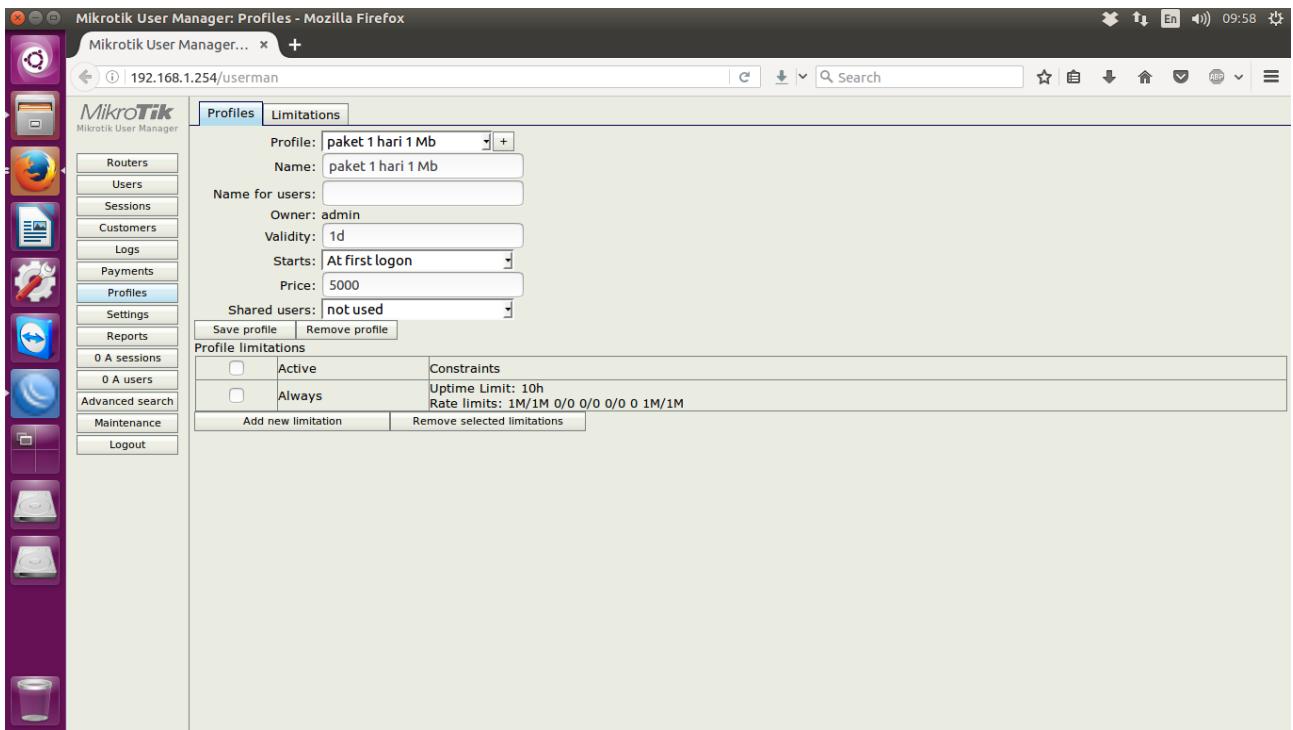
Save profile Remove profile

Profile limitations

	Active	Constraints
<input type="checkbox"/>	Always	Uptime Limit: 10h Rate limits: 1M/1M 0/0 0/0 0/0 0 1M/1M

Add new limitation Remove selected limitations

Routers
Users
Sessions
Customers
Logs
Payments
Profiles
Settings
Reports
0 A sessions
0 A users
Advanced search
Maintenance
Logout



Setup users, on this example we generate three user.

MikroTik User Manager: Users - Mozilla Firefox

MikroTik User Manager... +

192.168.1.254/userman

Add Edit Generate

	Username	Password	Start time	End time	Total time left	Till time	Uptime Used	Uptime Limit	Money paid
<input type="checkbox"/>	did8	qces	Not set	Unknown	1d	Unknown		10h	5000.00
<input type="checkbox"/>	yts5	eug2	Not set	Unknown	1d	Unknown		10h	5000.00
<input type="checkbox"/>	ajwf	dady	Not set	Unknown	1d	User details			5000.00

User details

Main

Owner: admin

Number of users: 3

Username prefix:

Username length: 4

Pwd same as login:

Password length: 4

Constraints

Wireless

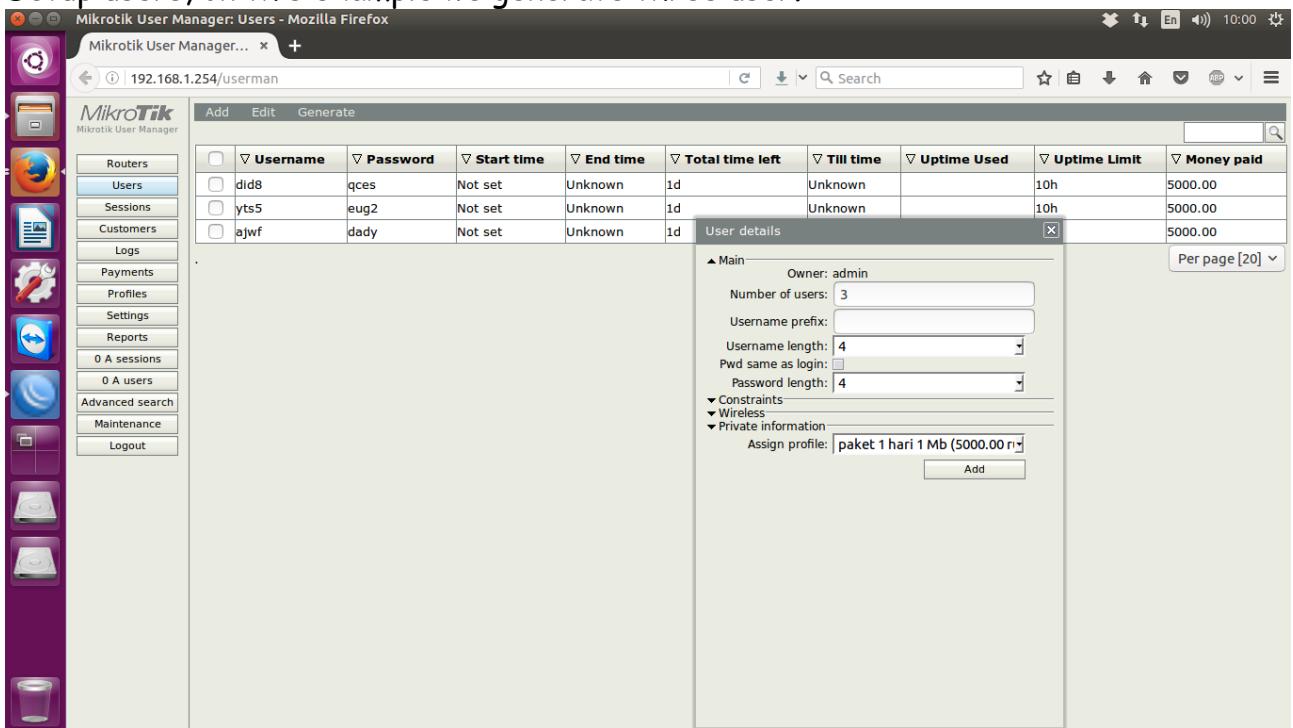
Private information

Assign profile: paket 1 hari 1 Mb (5000.00)

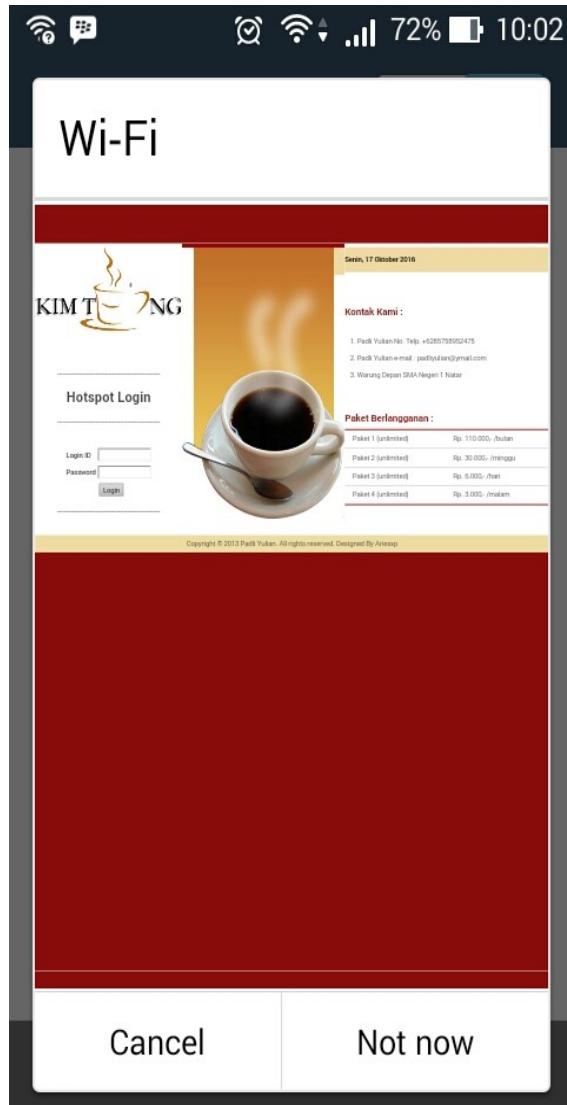
Add

Per page [20]

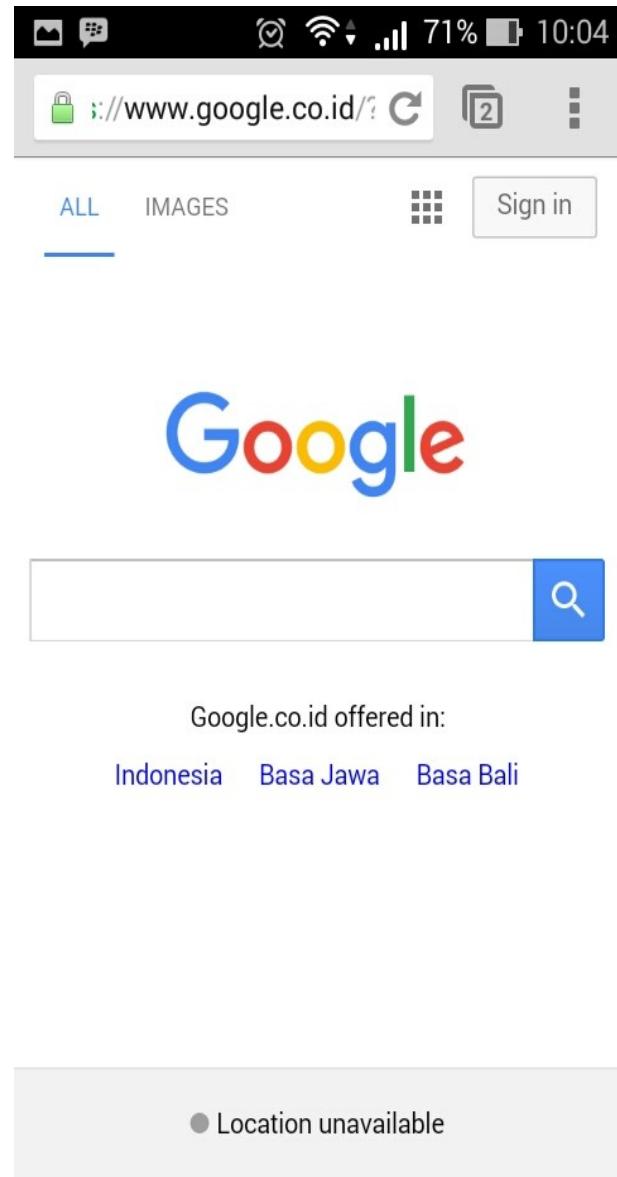
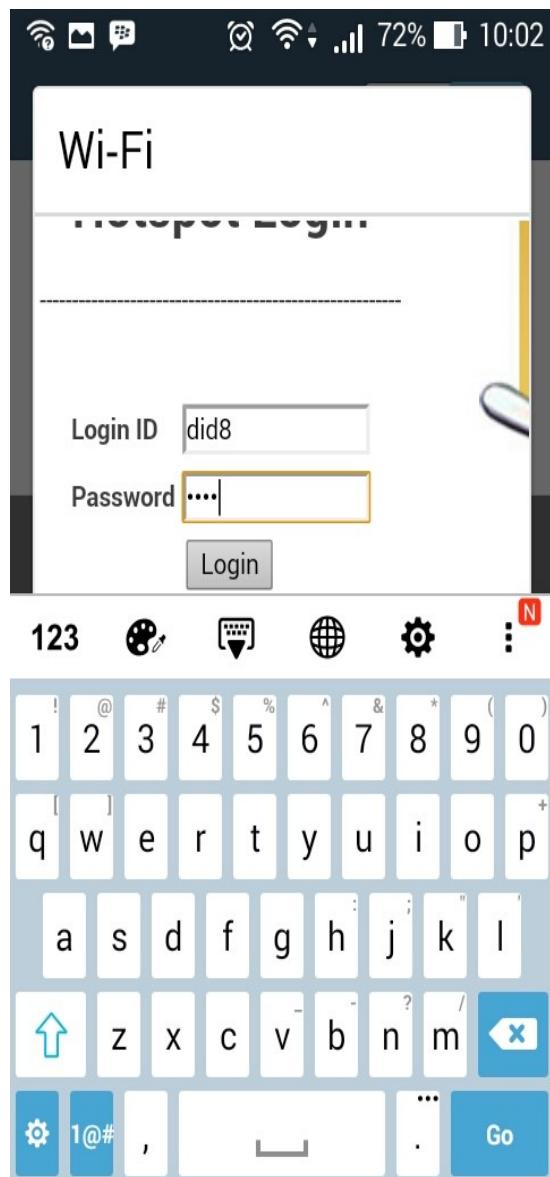
Routers
Users
Sessions
Customers
Logs
Payments
Profiles
Settings
Reports
0 A sessions
0 A users
Advanced search
Maintenance
Logout



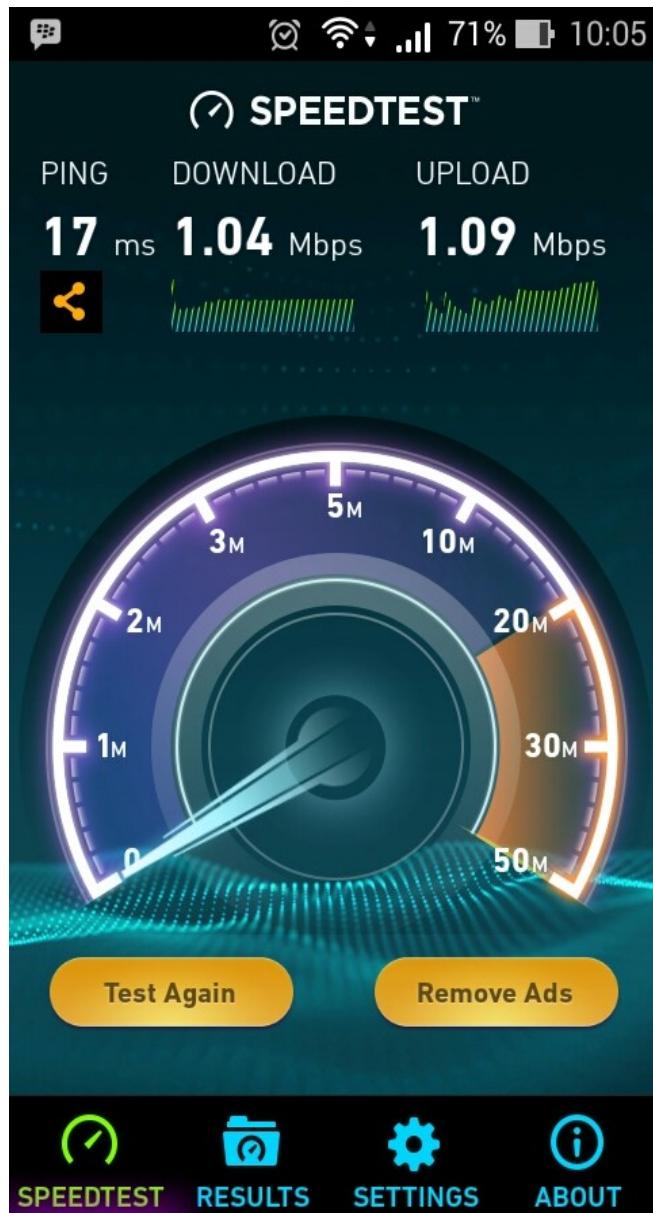
Try to connect wifi using your device, on this example we use smart phone. Wait second will show confirm page to login.



Login and try to browsing.



Test speed 1 Mbps, has been setup on profile limit.



Check sessions, make sure your clock and time zone is right.

The screenshot shows a Mozilla Firefox browser window with the title "MikroTik User Manager: Sessions - Mozilla Firefox". The URL is "192.168.1.254/userman". The page displays a table of sessions with the following columns: Username, Status, User IP, From time, Till time, Uptime, Download, Upload, and Calling station ID. There is one entry: did8, Start & Interim, 192.168.3.254, 10/17/2016 10:09:38, 10/17/2016 10:12:39, 2m59s, 2.1 MiB, 2.4 MiB, 1C:87:2C:86:32:5A. A "Per page [20]" dropdown is visible. On the left, a sidebar menu includes: Routers, Users, Sessions (selected), Customers, Logs, Payments, Profiles, Settings, Reports, 1 A sessions, 1 A users, Advanced search, Maintenance, and Logout. A "Session details" dialog box is open, showing the following session information:

Session details
Username: did8 NAS port: 2152726529 Status: Start & Interim User IP: 192.168.3.254 Router IP: 192.168.1.254 NAS port ID: wlan1 From time: 10/17/2016 10:09:38 Till time: 10/17/2016 10:12:39 Uptime: 2m59s Download: 2.1 MiB Upload: 2.4 MiB Calling station ID: 1C:87:2C:86:32:5A

Thanks to
mikrotik hotspot login page theme that we use
marshmello song that we hear when make this dok :p

Dok 17/10/2016 padliyulian@ymail.com