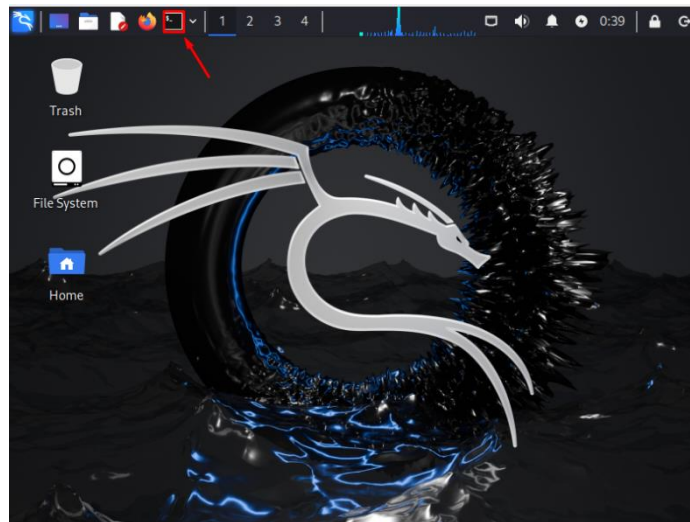


MODUL 2

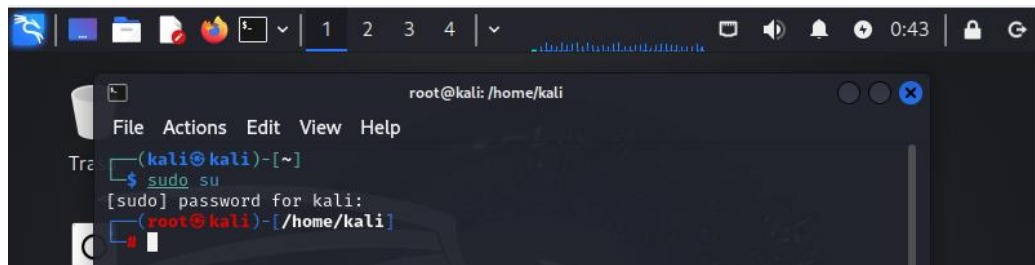
KEAMANAN JARINGAN

MENGGUNAKAN APLIKASI WINBOXPOC PADA KALI LINUX

1. Login untuk kali linux secara default : username = kali password = kali
2. Setelah Login klik terminal command line pada kali linux



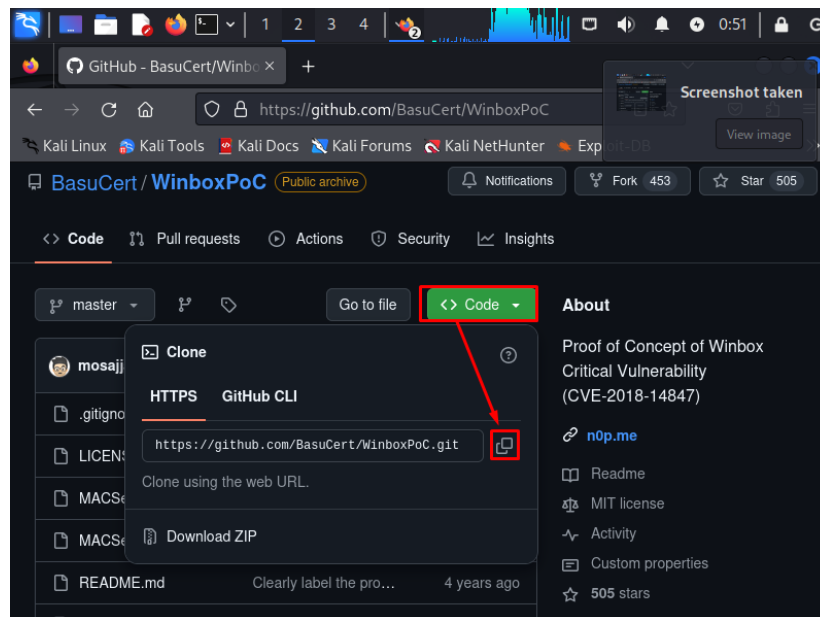
3. Kemudian ketikkan perintah `sudo su` untuk masuk ke mode root, kemudian ketikkan password = kali maka akan tampil mode root seperti gambar



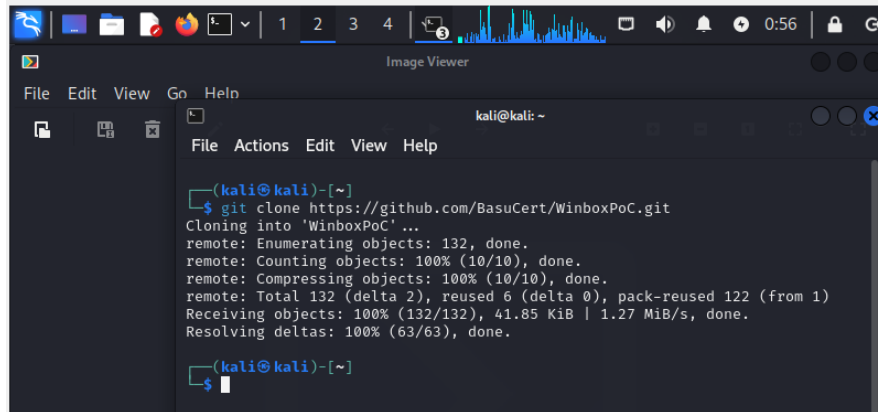
4. Kemudian kita buka mozilla firefox kemudian ketikkan winboxpoc kemudian pilih seperti gambar dibawah ini



5. Kemudian pilih code kemudian klik icon kotak copy lihat gambar dibawah ini

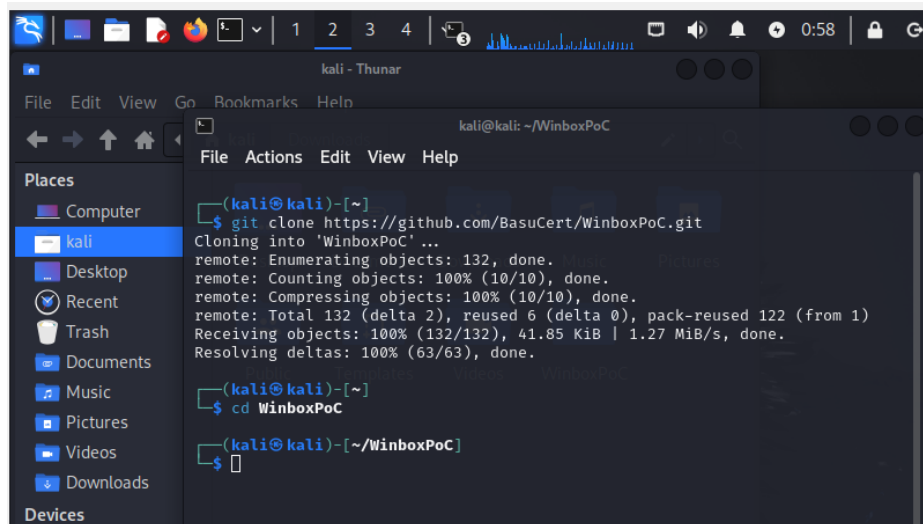


6. Masuk ke terminal command line Kembali lalu ketikan perintah **git clone** <https://github.com/BasuCert/WinboxPoC.git> maka akan otomatis di download



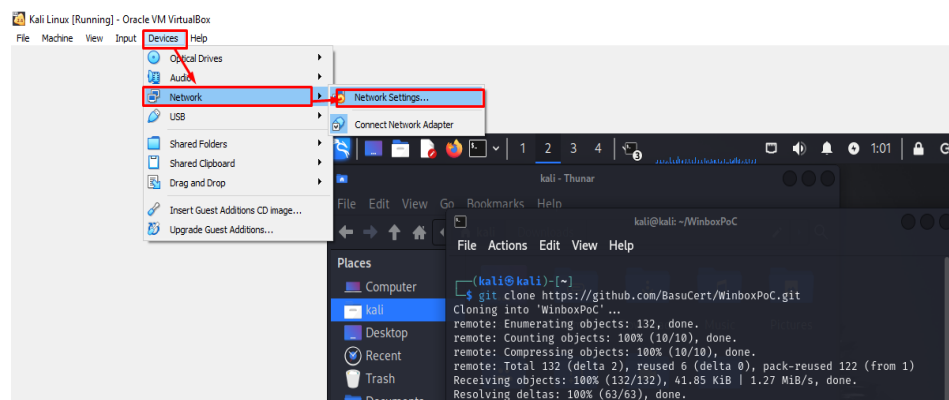
```
(kali@kali)-[~]
$ git clone https://github.com/BasuCert/WinboxPoC.git
Cloning into 'WinboxPoC' ...
remote: Enumerating objects: 132, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (10/10), done.
remote: Total 132 (delta 2), reused 6 (delta 0), pack-reused 122 (from 1)
Receiving objects: 100% (132/132), 41.85 KiB | 1.27 MiB/s, done.
Resolving deltas: 100% (63/63), done.
(kali@kali)-[~]
$
```

7. Ketikan **cd winboxpoc** untuk masuk ke direktori winboxpoc

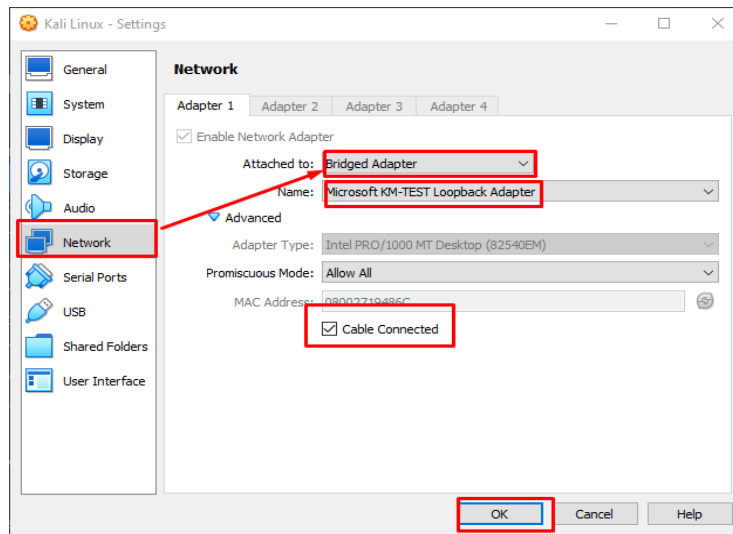


```
(kali@kali)-[~]
$ git clone https://github.com/BasuCert/WinboxPoC.git
Cloning into 'WinboxPoC' ...
remote: Enumerating objects: 132, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (10/10), done.
remote: Total 132 (delta 2), reused 6 (delta 0), pack-reused 122 (from 1)
Receiving objects: 100% (132/132), 41.85 KiB | 1.27 MiB/s, done.
Resolving deltas: 100% (63/63), done.
(kali@kali)-[~]
$ cd WinboxPoC
(kali@kali)-[~/WinboxPoC]
$
```

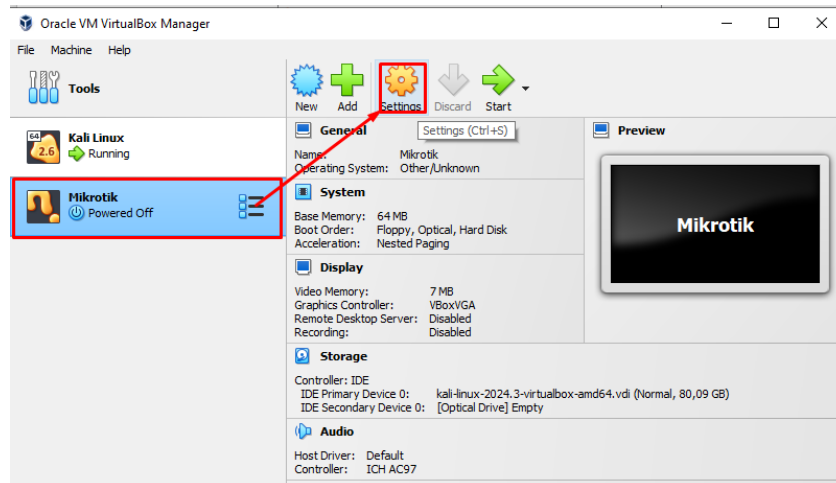
8. Kemudian rubah network adapter virtual box ke loopback dengan cara seperti gambar dibawah ini

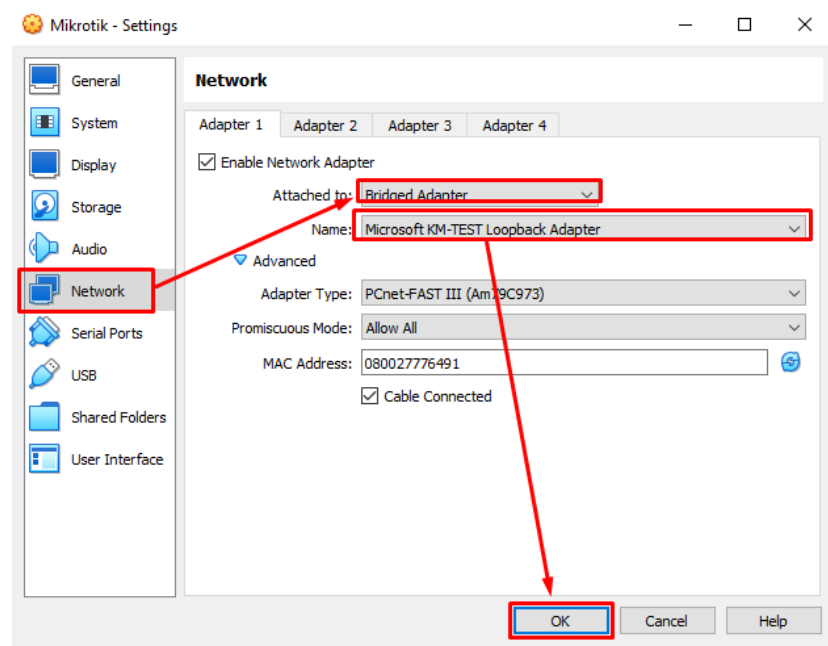


9. Kemudian pilih network , attached to : Bridged Adapter, Name : Microsoft KM-TEST Loopback Adapter klik Ok

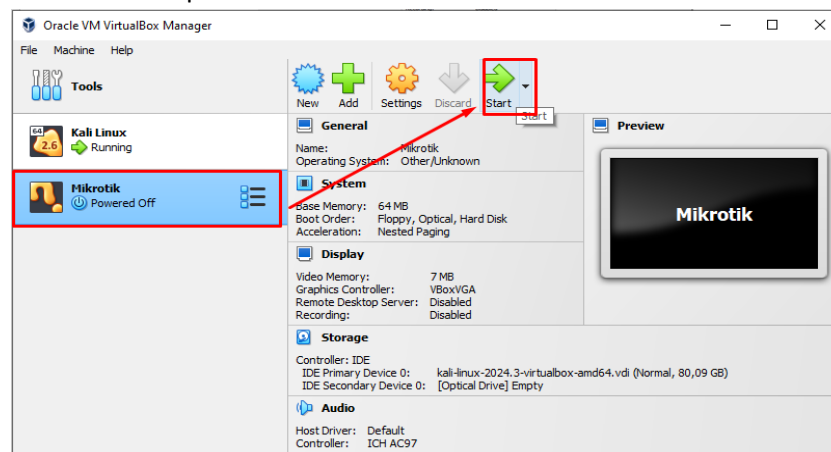


10. Buka virtual setting juga pada network adapter pada mikrotik arahkan ke loopback juga

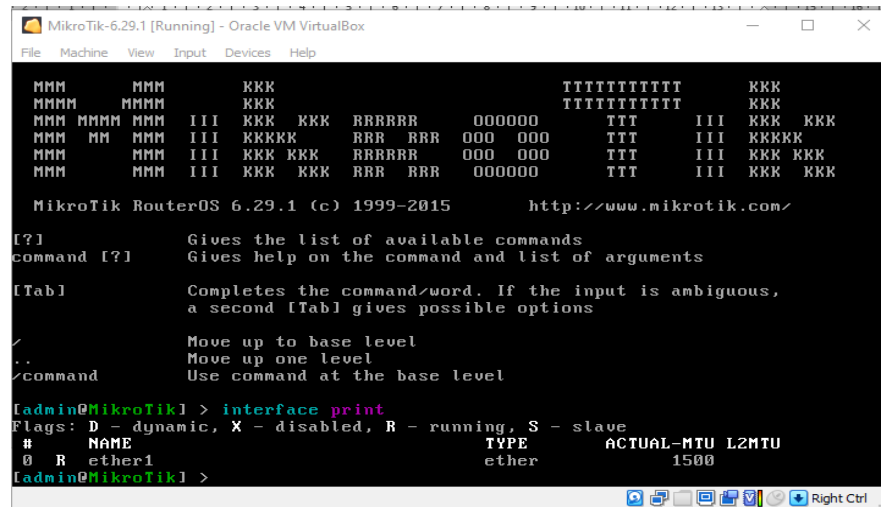




11. Kemudian klik start pada mikrotik



12. Login password pada mikrotik username : admin password : , kemudian ketikan perintah interface print

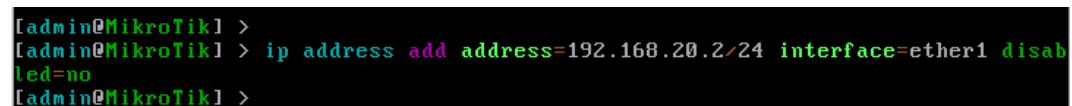


```
MikroTik RouterOS 6.29.1 (c) 1999-2015 http://www.mikrotik.com/

[?] Gives the list of available commands
command [?] Gives help on the command and list of arguments
[Tab] Completes the command/word. If the input is ambiguous,
a second [Tab] gives possible options
/ Move up to base level
.. Move up one level
/command Use command at the base level

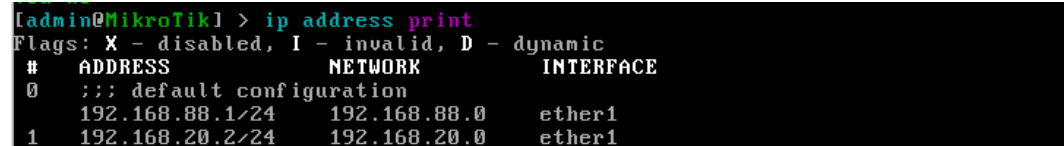
[admin@MikroTik] > interface print
Flags: D - dynamic, X - disabled, R - running, S - slave
# NAME TYPE ACTUAL-MTU L2MTU
0 R ether1 ether 1500
[admin@MikroTik] >
```

13. Kemudian ketikan perintah ip address add address=192.168.20.2/24 interface=ether1 disable=no



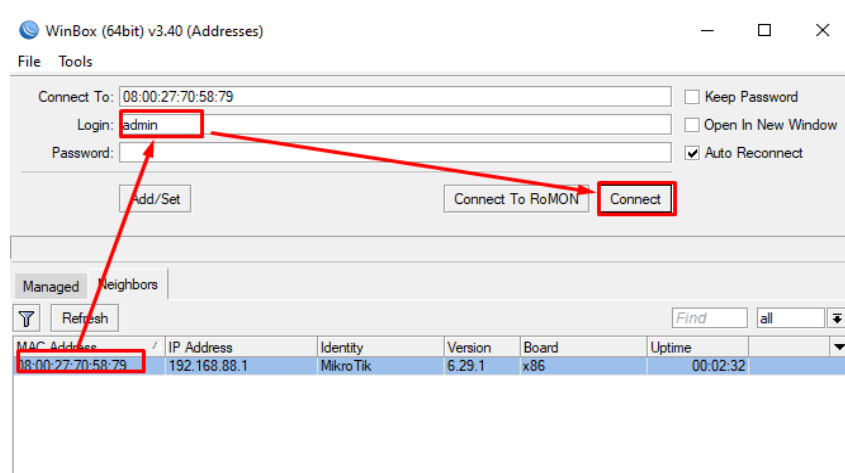
```
[admin@MikroTik] >
[admin@MikroTik] > ip address add address=192.168.20.2/24 interface=ether1 disable=no
[admin@MikroTik] >
```

14. Ketikan perintah ip address print

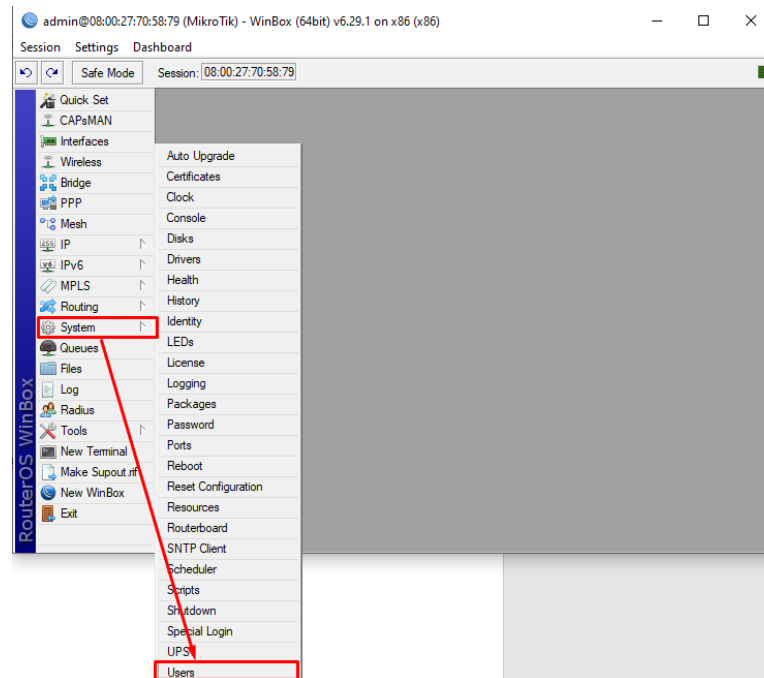


```
[admin@MikroTik] > ip address print
Flags: X - disabled, I - invalid, D - dynamic
# ADDRESS NETWORK INTERFACE
0 ::: default configuration
1 192.168.88.1/24 192.168.88.0 ether1
2 192.168.20.2/24 192.168.20.0 ether1
```

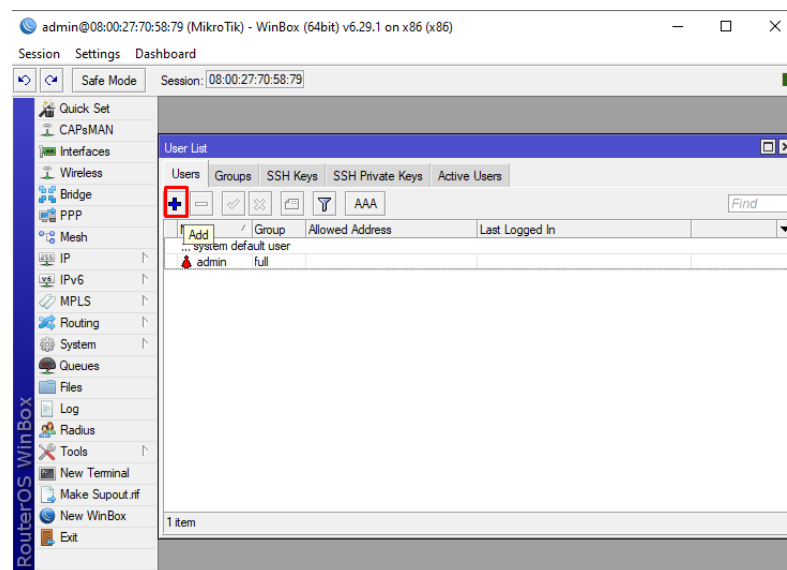
15. buka winbox pada aplikasi windows



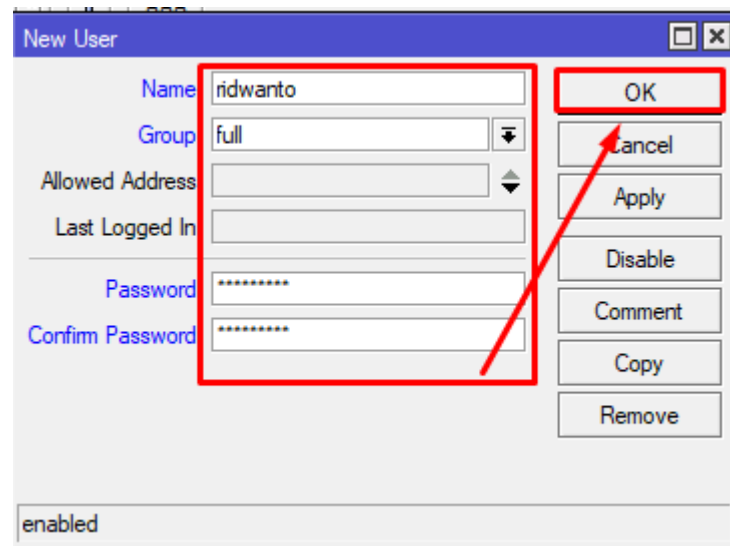
16. Buat user dengan cara klik system → users



17. Klik tanda + untuk menambahkan user



18. Disini diberikan contoh pada nama saya sendiri username : ridwanto, group : full, password :***** dan confirm password : ***** harus sama kemudian klik ok



New User

Name: ridwanto

Group: full

Allowed Address:

Last Logged In:

Password: *****

Confirm Password: *****

OK

Cancel

Apply

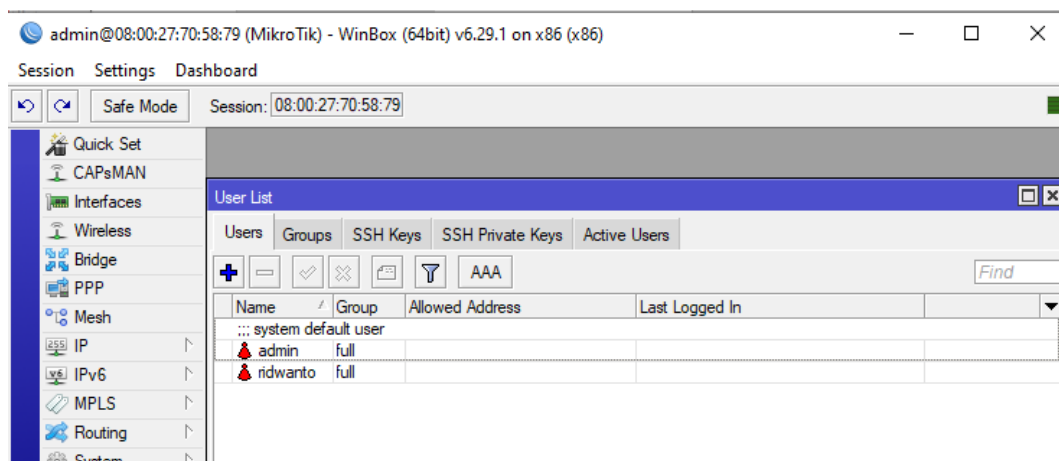
Disable

Comment

Copy

Remove

enabled



19. Kembali ke kali linux, ketikkan perintah python3 winboxpoc.py [ip target router]

