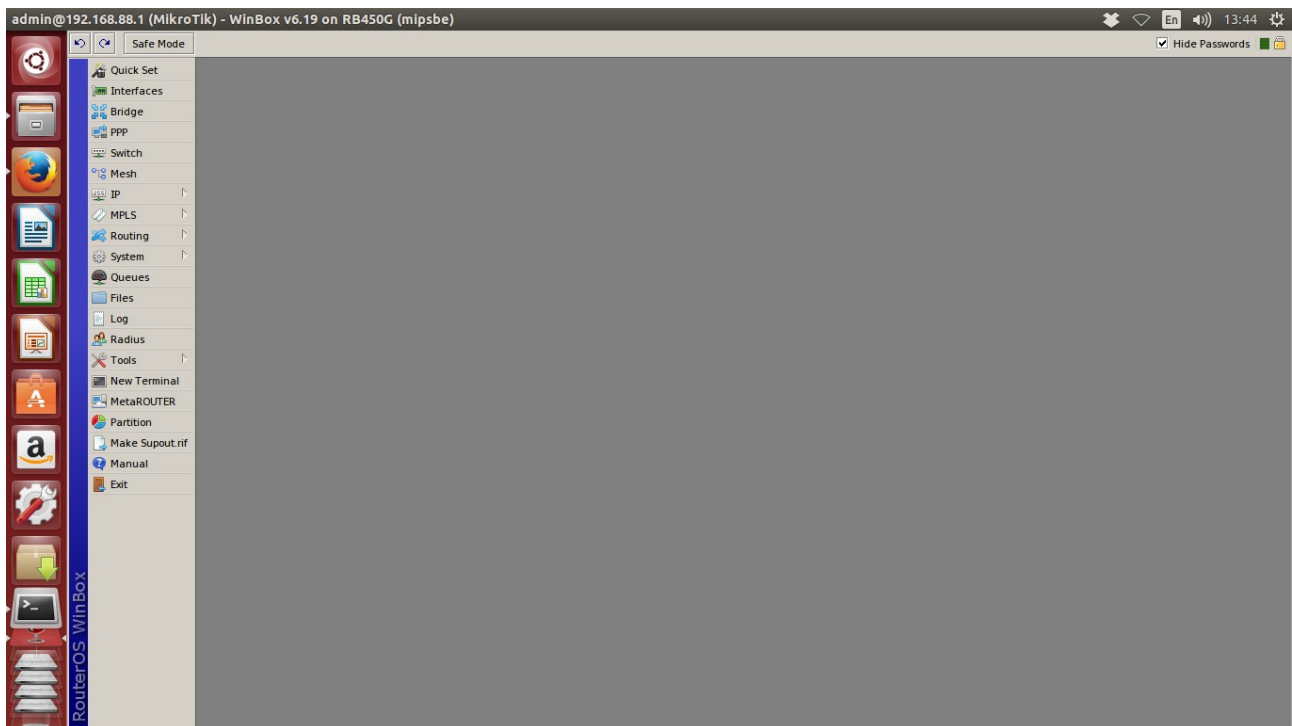# ROUTING

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. winbox

2. daftar interface mikrotik (disable yg tidak perlu)

Interface List

Interface | Ethernet | EoIP Tunnel | IP Tunnel | GRE Tunnel | VLAN | VRRP | Bonding | LTE

	Name	Type	L2 MTU	Tx	Rx	Tx Packet (p/s)	Rx Packet (p/s)	
R	ether1-gateway	Ethernet	1520	816 bps	14.0 kbps	1	23	
R	ether2-master-local	Ethernet	1520	41.2 kbps	2.5 kbps	5	3	
X	ether3-slave-local	Ethernet	1520	0 bps	0 bps	0	0	
X	ether4-slave-local	Ethernet	1520	0 bps	0 bps	0	0	
X	ether5-slave-local	Ethernet	1520	0 bps	0 bps	0	0	

5 items

3. set ip address

Address List

	Address	Network	Interface	
;;; WAN				
	192.168.1.252/24	192.168.1.0	ether1-gateway	
;;; LAN				
	192.168.88.1/24	192.168.88.0	ether2-master-..	

2 items (1 selected)

Address <192.168.1.252/24>

Address: 192.168.1.252/24

Network: 192.168.1.0

Interface: ether1-gateway

OK | Cancel | Apply | Disable | Comment | Copy | Remove

enabled

4. set gateway

5. set DNS server

6. set NAT
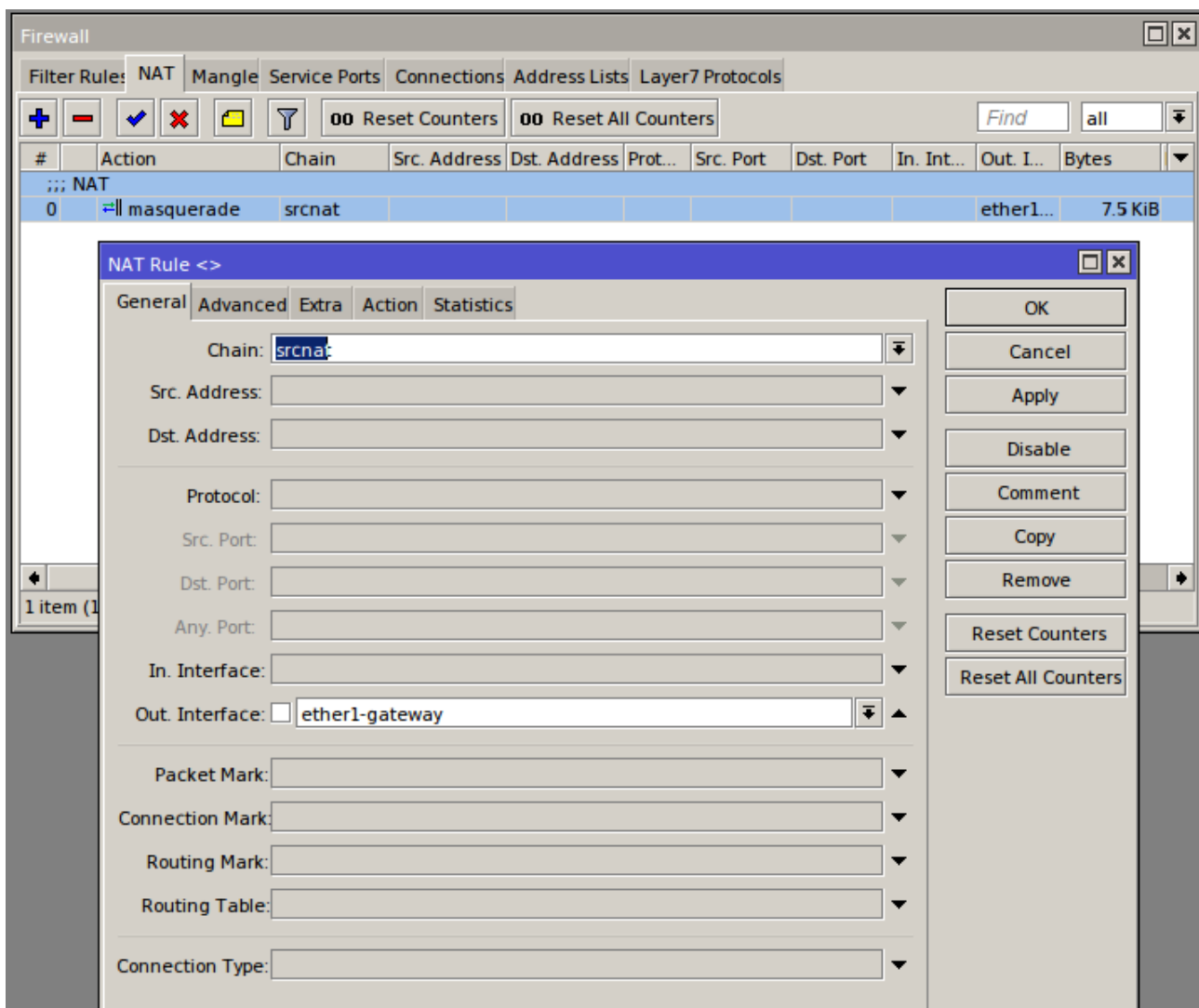
7. set DHCP server
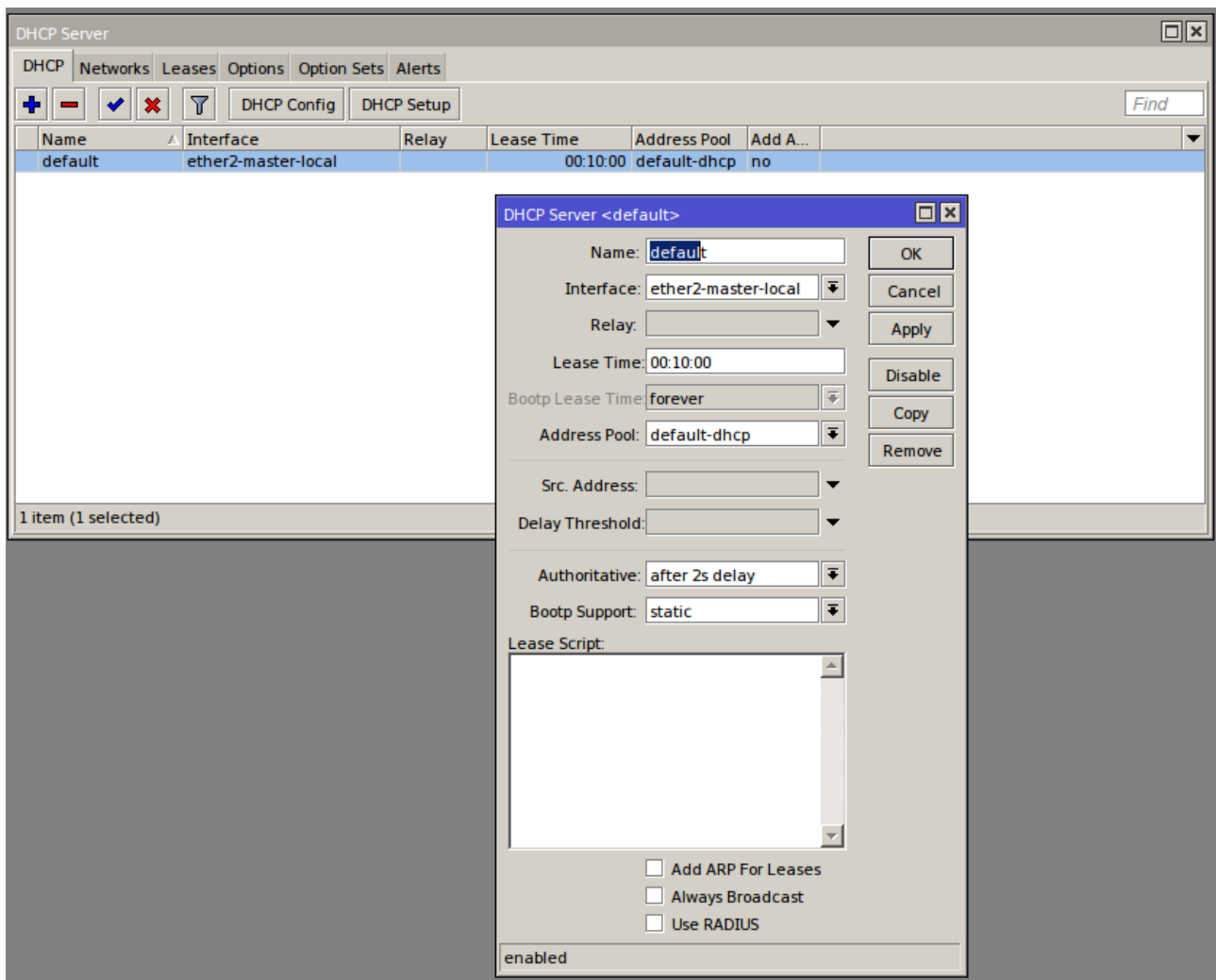
8. tes ping & browsing client

```
padli@raisa: ~
padli@raisa:~$ ifconfig eth0
eth0      Link encap:Ethernet  HWaddr 14:da:e9:ad:9f:bc
          inet addr:192.168.88.254  Bcast:192.168.88.255  Mask:255.255.255.0
          inet6 addr: fe80::16da:e9ff:fead:9fbc/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:3331 errors:0 dropped:0 overruns:0 frame:0
          TX packets:3020 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:2799317 (2.7 MB)  TX bytes:322307 (322.3 KB)

padli@raisa:~$ route -n
Kernel IP routing table
Destination     Gateway         Genmask         Flags Metric Ref    Use Iface
0.0.0.0         192.168.88.1    0.0.0.0         UG    0      0        0 eth0
169.254.0.0     0.0.0.0         255.255.0.0     U     1000   0        0 eth0
192.168.88.0    0.0.0.0         255.255.255.0   U     0      0        0 eth0
padli@raisa:~$ ping 8.8.8.8
PING 8.8.8.8 (8.8.8.8) 56(84) bytes of data.
64 bytes from 8.8.8.8: icmp_seq=1 ttl=52 time=30.1 ms
64 bytes from 8.8.8.8: icmp_seq=2 ttl=52 time=31.2 ms
64 bytes from 8.8.8.8: icmp_seq=3 ttl=52 time=31.6 ms
64 bytes from 8.8.8.8: icmp_seq=4 ttl=52 time=31.4 ms
^C
--- 8.8.8.8 ping statistics ---
```
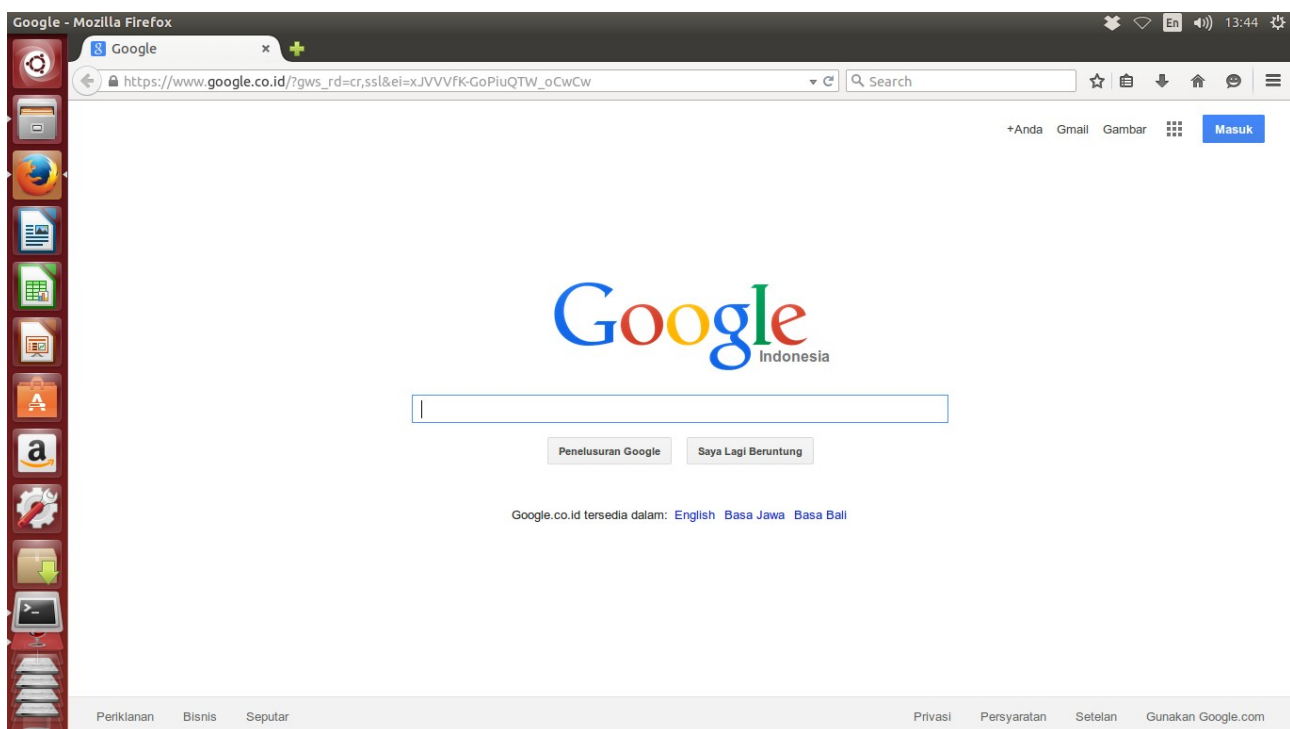
Dok 15/05/2015 padliyulian@ymail.com