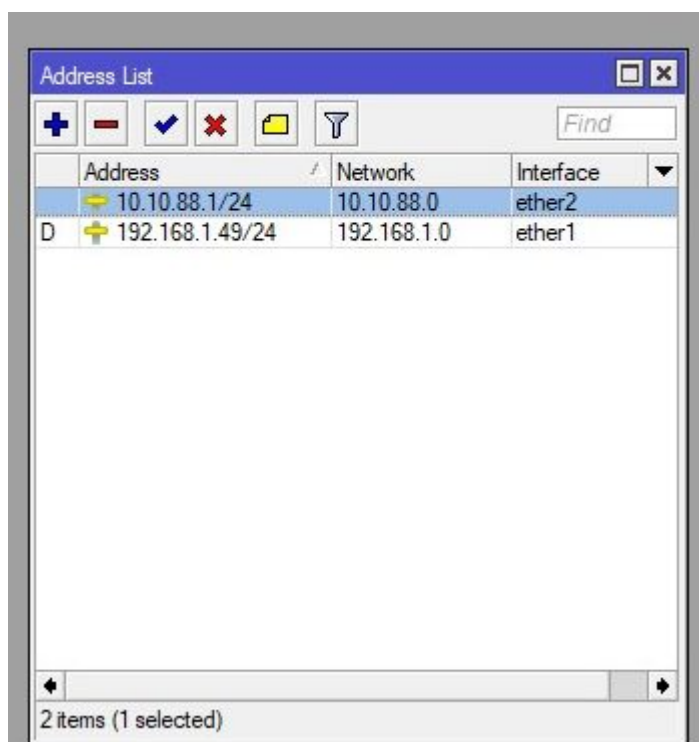


Mikrotik – NAT, DHCP, Firewall, L2TP

Шаги с 5 по 8 касаются VPN:

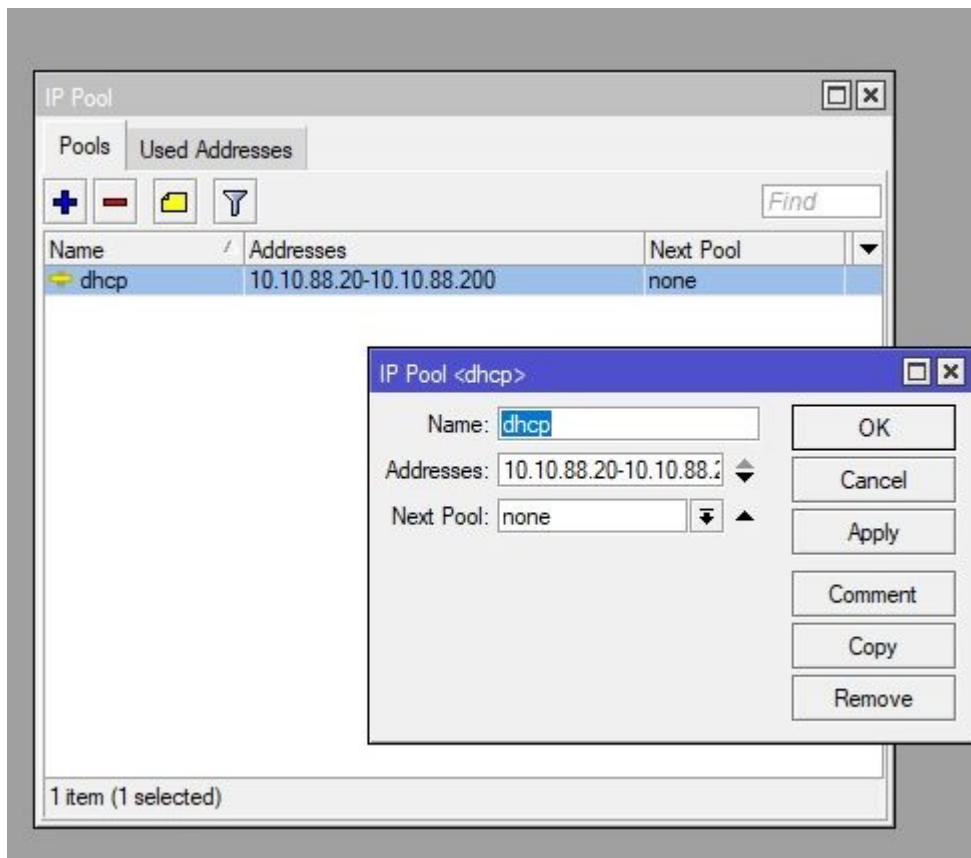
1. IP – Address List
2. IP– Pool
3. IP – DHCP Server – Network, DHCP
4. IP – Firewall – NAT
5. IP –Pool
6. PPP – Profiles – Secrets, L2TP Server
7. IP – Firewall
8. Interfaces – Interface List – LAN (proxy-arp)

Address List

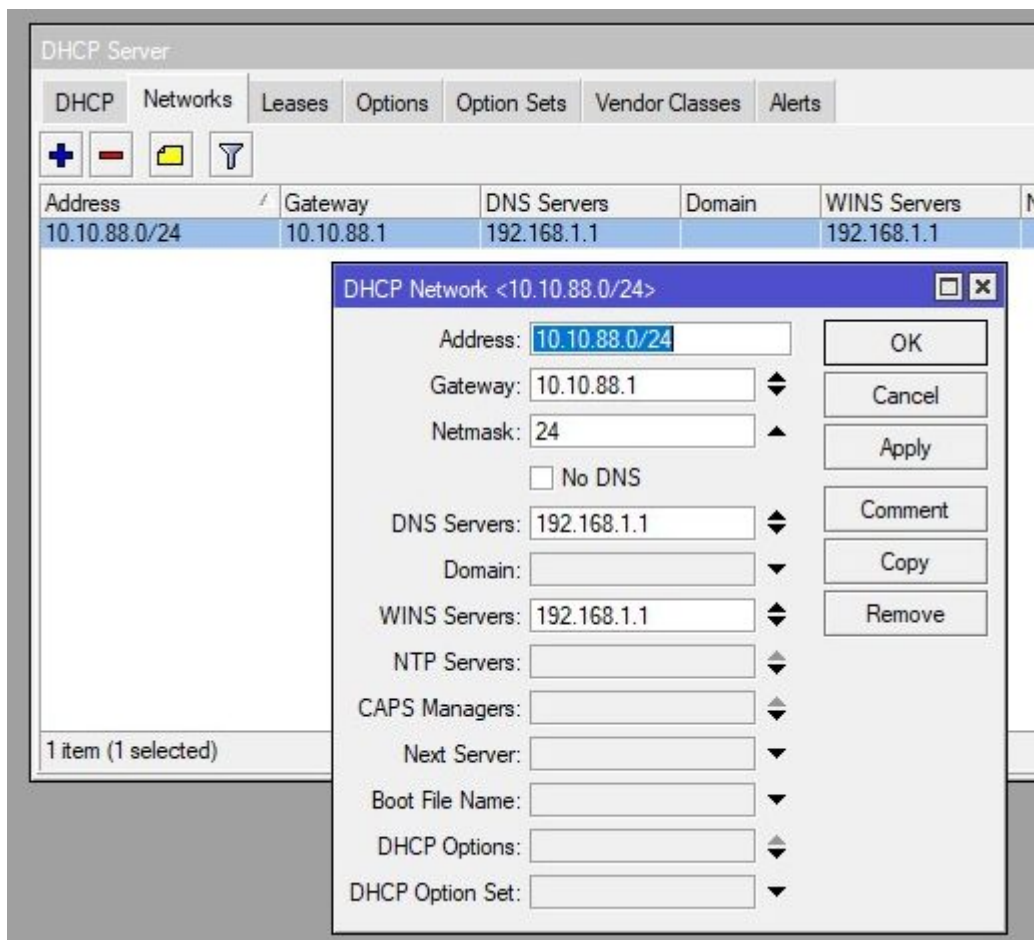


где – ether1 это WAN, ether2 – LAN.

Pool



DHCP Network



DHCP Server

	Actual MTU	L2 MTU	Tx	Rx
	1500		2.7 kbps	19
	1500		33.0 kbps	7
	1500		2.7 kbps	
	1500		0 bps	

DHCP Server

DHCP

Networks

Leases

Options

Option Sets

Vendor Classes

DHCP Config

DHCP Setup

Name	Interface	Relay	Lease Time
dhcp	LAN		00:10:00

1 item (1 selected)

DHCP Server <dhcp>

Generic

Queues

Script

Name: dhcp

Interface: LAN

Relay:

Lease Time: 00:10:00

Bootp Lease Time: forever

Address Pool: dhcp

DHCP Option Set:

Src. Address:

Delay Threshold:

Authoritative: yes

Bootp Support: static

Client MAC Limit:

Use RADIUS: no

☐ Always Broadcast

☐ Add ARP For Leases

☒ Use Framed As Classless

☒ Conflict Detection

OK

Cancel

Apply

Disable

Copy

Remove

enabled

Firewall NAT

NAT Rule

General

Advanced

Extra

Action

...

Chain: srcnat

Src. Address:

Dst. Address:

Protocol:

Src. Port:

Dst. Port:

Any. Port:

In. Interface:

Out. Interface: ☐ WAN

In. Interface List:

Out. Interface List:

Packet Mark:

Connection Mark:

Routing Mark:

Routing Table:

Connection Type:

OK

Cancel

Apply

Disable

Comment

Copy

Remove

Reset Counters

Reset All Counters

enabled

NAT Rule <>

Advanced Extra Action Statistics ...

Action: src-nat

☐ Log

Log Prefix:

To Addresses: 192.168.1.49

To Ports:

OK

Cancel

Apply

Disable

Comment

Copy

Remove

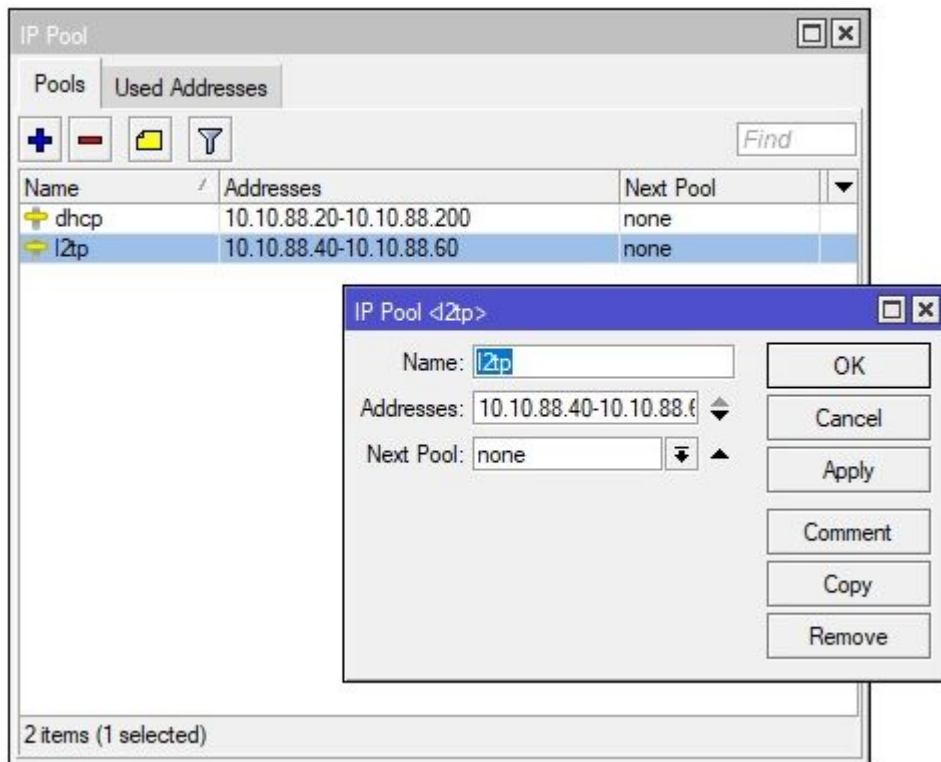
Reset Counters

Reset All Counters

enabled

VPN L2TP

Pool



PPP Profiles

PPP Profile <l2tp>

General Protocols Limits Queue Scripts

Name: l2tp

Local Address: l2tp

Remote Address: l2tp

Bridge:

Bridge Port Priority:

Bridge Path Cost:

Bridge Horizon:

Bridge Learning: default

Incoming Filter:

Outgoing Filter:

Address List:

Interface List:

DNS Server:

WINS Server:

- Change TCP MSS

☐ no ☐ yes ☒ default

- Use UPnP

☐ no ☐ yes ☒ default

OK

Cancel

Apply

Comment

Copy

Remove

Secrets

New PPP Secret

Name:

Password:

Service:

Caller ID:

Profile:

Local Address:

Remote Address:

Routes:

Limit Bytes In:

Limit Bytes Out:

Last Logged Out:

Last Caller ID:

Last Disconnect Reason:

enabled

L2TP Server

L2TP Server

☒ Enabled

Max MTU:

Max MRU:

MRRU:

Keepalive Timeout:

Default Profile:

Max Sessions:

Authentication: ☒ mschap2 ☐ mschap1
☐ chap ☐ pap

Use IPsec:

IPsec Secret:

Caller ID Type:

☐ One Session Per Host
☐ Allow Fast Path

Firewall

Firewall Rule <500,1701,4500>

General Advanced Extra Action Statistics

Chain:

Src. Address:

Dst. Address:

Protocol: ☐ 17 (udp)

Src. Port:

Dst. Port: ☐ 500,1701,4500

Any. Port:

In. Interface:

Out. Interface:

In. Interface List:

Out. Interface List:

Packet Mark:

Connection Mark:

Routing Mark:

Routing Table:

Connection Type:

Connection State:

Connection NAT State:

enabled

OK

Cancel

Apply

Disable

Comment

Copy

Remove

Reset Counters

Reset All Counters

Interfaces

Interface <LAN>

General

Ethernet

Loop Protect

Status

Traffic

Name:

LAN

Type:

Ethernet

MTU:

1500

Actual MTU:

1500

L2 MTU:

0

MAC Address:

08:00:27:F0:E3:8C

ARP:

proxy-arp

ARP Timeout:

OK

Cancel

Apply

Disable

Comment

Torch

Cable Test

Blink

Reset MAC Address

enabled

running

slave

link ok