

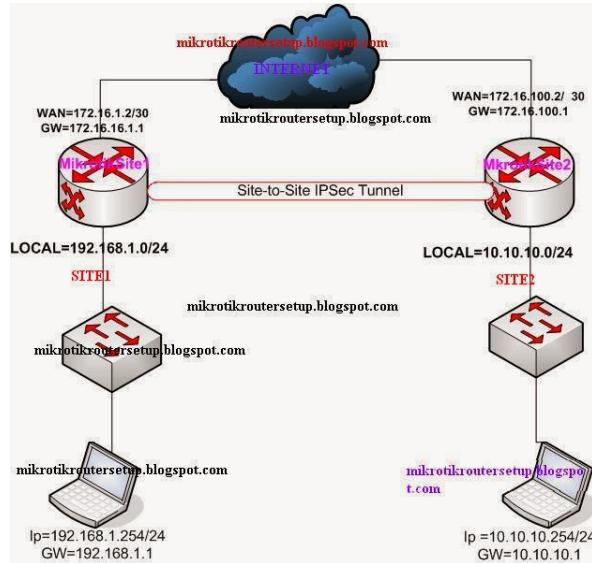
Mikrotik Router Configuration

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Mikrotik Router Configuration

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Mikrotik Router IP Sec Site to Site VPN Tunnel Configuration



VPN sometime called VPN Tunnel,gives the engineer two remote site a way to send a packet between two site with private ip address through the internet,Ipsec site-to-site vpn tunnel used to allow the secure transmission between to remote site .VPN provides privacy,encryption and verification that the sender legitimate. In this scenario two remote office router are connected to internet and office workstation behind routers are NAT ed.Each office has its own local network 192.168.1.0/24 for site1 and 10.10.10.0/24 for site 2.both remote site needs secure tunnel to local networks behind routers.

IP address Configuration for mikrotikroutersite1:

```
[laxmi@mikrotikroutersetup.blogspot.com]#ip address
Add address=172.16.1.2/30 interface=WAN
Add address=192.168.1.1/24 interface=LOCAL
/ip route
Add gateway=172.16.1.1
/ip firewall nat
Add chain=srcnet out-interface=WAN action=masquerade
```

Mikrotikroutersite2 configuration:

```
[laxmi@mikrotikroutersetup.blogspot.com]#ip address
Add address=172.16.100.2/30 interface=WAN
```

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```
Add address=10.10.10.1/24 interface=LOCAL
/ip route
Add gateway=172.16.100.1
/ip firewall nat
Add chain=srcnet out-interface=WAN action=masquerade
```



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Ip Sec Peer's configuration:

We need to specify peers address and port and pre-shared-key and other are default value.

MikrotikRoutersite1:

```
/ip sec peer
Add address=172.16.100.2/32:500 auth-method=pre-shared-key
secret="123456"
```

MikrotikRoutersite2:

```
Add address=172.16.1.2/32:500 auth-method=pre-shared-key
secret="123456"
```

Policy and proposal Configuration:

We want to encrypt data coming from 10.10.10.0/24 to 192.168.1.0/24 and vice versa.

MikrotikrouterSite1:

```
/ip ipsec policy
Add src-address=10.10.10.0/24:any dst-address=192.168.1.0/24:any sa-
src-address=172.16.1.2 sa-dst-address=172.16.100.2 tunnel=yes
action=encrypt proposal-default
```

MikrotikrouterSite2:

```
Add src-address=192.168.1.0/24:any dst-address=10.10.10.0/24:any sa-
src-address=172.16.100.2 sa-dst-address=172.16.1.2 tunnel=yes
action=encrypt proposal-default
```

NAT Bypass Configuration:

MikrotikrouterSite1:

```
/ip firewall nat
Add chain=srcnet action=accept place-before=0
src=address=192.168.1.0/24 dst-address=10.10.10.0/24
```

Mikrotikroutersite2:

```
/ip firewall nat
Add chain=srcnet action=accept place-before=0
src=address=10.10.10.0/24 dst-address=192.168.1.0/24
```

Placed at the top of all other NAT rules and clear connection table from existing connection or restart the routers.

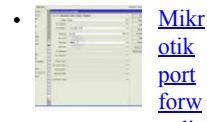
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Mikrotik Router PPTP

Remote Access VPN Server Configuration

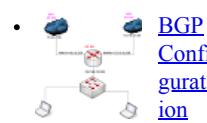
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Is it possible to configure VPN with both link dinamic ip address,or without public ip?
Pls,show me ,how can I do this kind of configuration?

+9 1 · Reply



Bubs Australia 2 years ago - Shared publicly

Where can I get free VPN service?
<https://www.rapidvpn.com>

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Willykamila 3 years ago - Shared publicly

I have doubt about it.
When we receive a link with ISP who give us DHCP configuration?
Where we can find public IP to making VPN site to site ipsec ,tunel ?

1 · Reply



Tania Sultana

3 years ago

<http://mikrotikroutersetup.blogspot.com/2012/01/mikrotik-router-site-to-site-ipsec-vpn-configuration-dhcp-ip-address.html>

Mikrotik Router Configuration: Mikrotik Router IP Sec Site to Site VPN Tunnel Configuration



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can I use this example for ISP with DHCP or Static internet link?

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I am forming IPsec tunnel with Cybroam firewall but its not established. what might be the issue?

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routers are NAT ed. Each office has its own local network

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**wai hut pai**

3 years ago

Why you use remote private at src-address that like src-address=10.10.10.0/24:any for site1.

That is wrong!



Jonh Zono 2 years ago - Shared publicly

Hello sir, I really like your explanation.
And can you give me the step for configuration a DMZ in
Mikrotik Router Board ? Thanks you.
Regard, Jonh

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robin adley 1 year ago - Shared publicly

Difference between switches and router?
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Motiur Goghost 3 years ago - Shared publicly

So great software service.
<http://goghost.net/>

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Federico Gaviria 2 years ago - Shared publicly

Hi Tania. I have configured the VPN. I have answer between peers and between IP LAN of my routers across the VPN, but between the workstations don't answer ping. I already have configured the firewall NAT, routes, VPN, everything is ok, but my two networks don't reached between them

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Dear Master
Could you please expand
"Add chain=srcnet out-interface=WAN action=masquerade"
What does it means?

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mouffff à vous tous, stuipppppp

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