

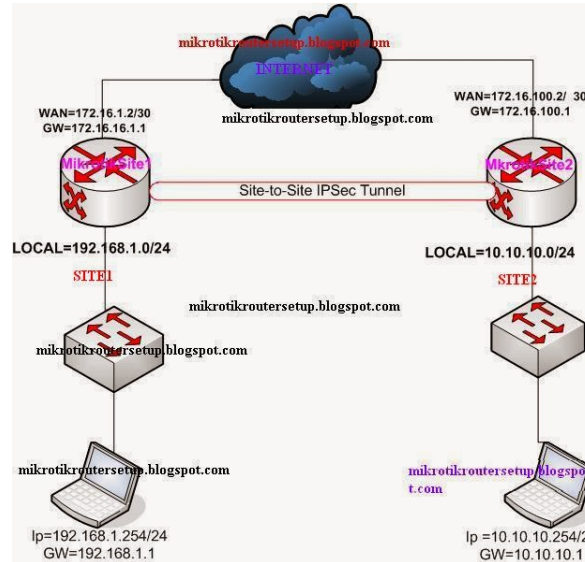
Mikrotik Router Configuration



Mikrotik Router Configuration

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Mikrotik Router IP Sec Site to Site VPN Tunnel Configuration



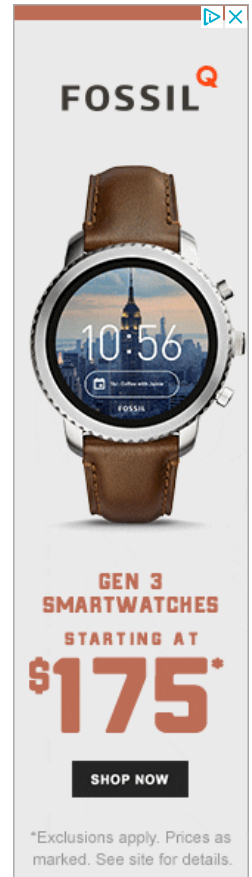
VPN sometime called VPN Tunnel,gives the engineer two remote site a way to send a packet between two site with private ip address through the internet,Ipsec site-to-site vpn tunnel used to allow the secure transmission between to remote site .VPN provides privacy,encryption and verification that the 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
```

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:

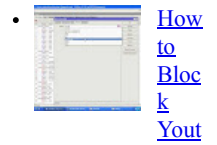
```
/ip firewall nat
Add chain=srcnet action=accept place-before=0
src=address=192.168.1.0/24 dst-address=10.10.10.0/24
```

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.

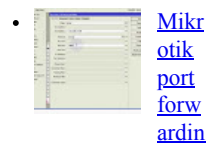
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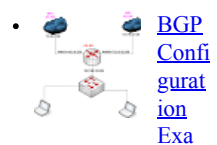
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Is it possible to configure VPN with both link dynamic ip address, or without public ip?
Pls, show me, how can I do this kind of configuration?

+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, tunnel?

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>

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

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<http://mikrotikroutersetup.blogspot.com/2014/02/mikrotik-router-ip-sec-site-to-site-vpn-tunnel-configuration.html>

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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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<http://www.abbadhost.com/>

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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

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**wai htut 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!	
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	<p>Federico Gaviria 2 years ago - Shared publicly</p> <p>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</p> <p>+1 1 · Reply</p>
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	<p>Ana Marisol 2 years ago - Shared publicly</p> <p>what is a web server? https://snthostings.com/</p> <p>1 · Reply</p>
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	<p>Ngwa Rogers 1 year ago - Shared publicly</p> <p>moufff à vous tous, stuipppppp</p>

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Tania Sultana

4 years ago · MikroTik (General Discussion)

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+1

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