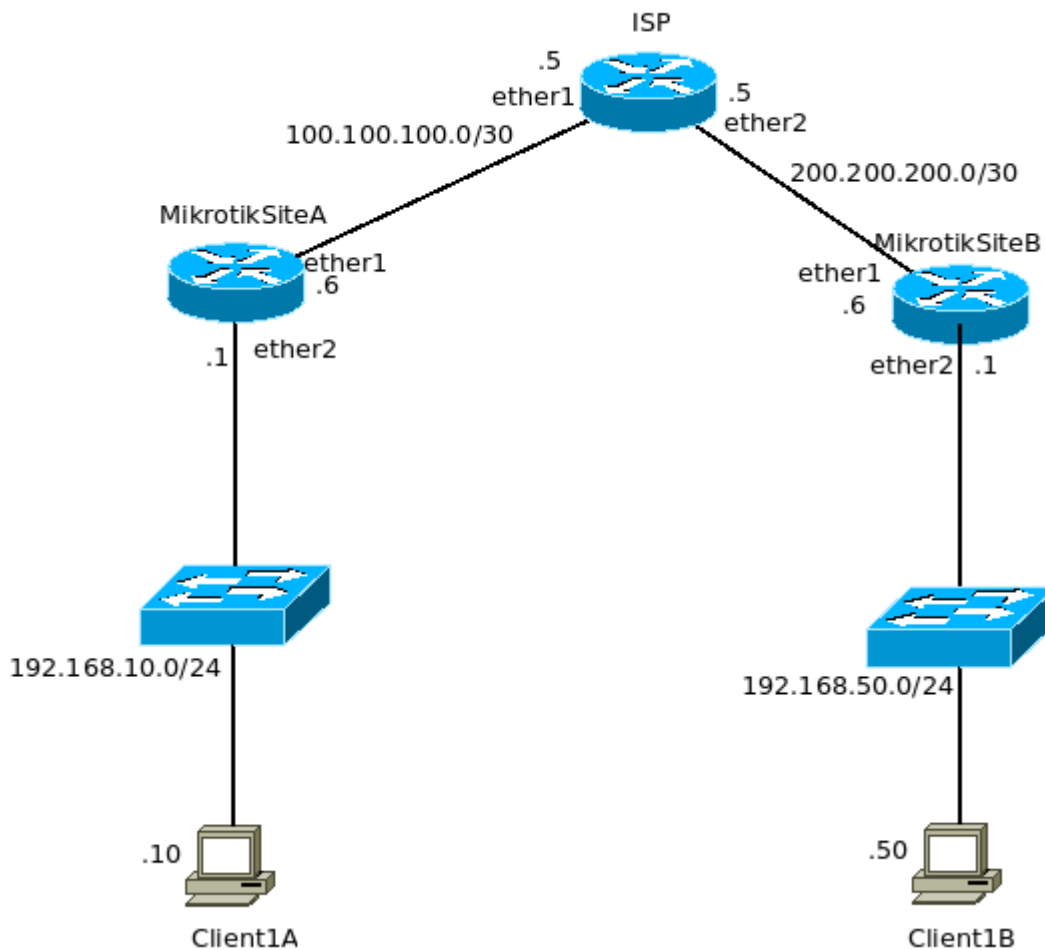


Site to Site VPN dengan IPSEC

Konfigurasi IP address di semua router sesuai dengan topologi



ISP

```
ip address add address=100.100.100.5/30 interface=ether1
```

```
ip address add address=200.200.200.5/30 interface=ether2
```

MikrotiSiteA

```
ip address add address=100.100.100.6/30 interface=ether1
```

```
ip address add address=192.168.10.1/24 interface=ether2
ip route add dst-address=0.0.0.0/0 gateway=100.100.100.5
```

MikrotikSiteB

```
ip address add address=200.200.200.6/30 interface=ether1
ip address add address=192.168.50.1/24 interface=ether2
ip route add dst-address=0.0.0.0/0 gateway=200.200.200.5
```

Konfigurasi IP NAT Masquarade

MikrotikSiteA

```
ip firewall nat add chain=srcnat src-address=192.168.10.0/24 dst-
address=192.168.50.0/24 action=accept
ip firewall nat add chain=srcnat out-interface=ether1
action=masquerade
```

MikrotikSiteB

```
ip firewall nat add chain=srcnat src-address=192.168.50.0/24 dst-
address=192.168.10.0/24 action=accept
ip firewall nat add chain=srcnat out-interface=ether1
action=masquerade
```

Konfigurasi ip sec policy

MikrotikSiteA

```
ip ipsec policy add src-address=192.168.10.0/24 dst-
address=192.168.50.0/24 action=encrypt tunnel=yes sa-src-
address=100.100.100.6 sa-dst-address=200.200.200.6
proposal=default
ip ipsec peer add address=200.200.200.6 port=500 auth-method=pre-
shared-key secret=password nat-traversal=yes
```

MikrotikSiteB

```
ip ipsec policy add src-address=192.168.50.0/24 dst-address=192.168.10.0/24 sa-src-address=200.200.200.6 sa-dst-address=100.100.100.6 action=encrypt tunnel=yes proposal=default
```

```
ip ipsec peer add address=100.100.100.6 port=500 auth-method=pre-shared-key secret= password nat-traversal=yes
```

Tes Koneksi

MikrotikSiteA

```
ip ipsec remote-peers pr
```

```
0 local-address=100.100.100.6 remote-address=200.200.200.6  
state=established side=responder established=1m1s
```

```
1 local-address=100.100.100.6 remote-address=200.200.200.6  
state=established side=initiator established=52s
```

MikrotikSiteB

```
ip ipsec remote-peers pr
```

```
0 local-address=200.200.200.6 remote-address=100.100.100.6  
state=established side=initiator established=59s
```

Tes Koneksi

Ping Client1A ke Client1B