Mikrotik L2TP IPSec

server

```
/ip pool add name=pool1 ranges=172.16.1.100-172.16.1.200
/ppp profile add dns-server=10.1.0.2 local-address=10.1.0.1
name=profile1 remote-address=pool1
/ppp secret add name=<username> password=<password> profile=profile1
remote-address=172.16.1.10 service=l2tp

/interface l2tp-server server set authentication=mschap2 default-
profile=profile1 enabled=yes ipsec-secret="<psk>" use-ipsec=required
/interface l2tp-server add name=l2tp-in1 user=<username>

/ip ipsec proposal add auth-algorithms=sha512 enc-algorithms=aes-256-
cbc name=proposal1 pfs-group=modp8192
/ip ipsec policy add dst-address=0.0.0.0/0 proposal=proposal1 src-
address=10.1.0.0/24 template=yes
/ip ipsec profile add dh-group=modp8192 enc-algorithm=aes-256
name=profile1

/ip route add comment=ClientSiteNetwork1 distance=1 dst-
address=10.0.0.0/24 gateway=172.16.1.10
/ip route add comment=ClientSiteNetwork2 distance=1 dst-
address=10.0.1.0/24 gateway=172.16.1.10

/ip firewall filter add action=drop chain=forward in-interface=!ether4
out-interface=l2tp-in1
/ip firewall filter add action=drop chain=forward in-interface=l2tp-in1
out-interface=!ether4
```

client

```
/interface l2tp-client add connect-to=<ServerIP> disabled=no ipsec-
secret="<psk>" name=l2tp-out1 password=<password> use-ipsec=yes
user=<username>
/ip route add comment=ServerSideNetwork distance=1 dst-
address=10.1.0.0/24 gateway=10.1.0.1
```

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