# Installing OpenVPN on Ubuntu 8.04

thereis a good guide at https://help.ubuntu.com/11.10/serverguide/openvpn.html

```
apt-get install openvpn openssl
cd /usr/share/doc/openvpn/examples/easy-rsa/2.0
nano vars
source ./vars
./clean-all
./build-ca
./build-key-server [server-name]
```

leave password blank and answer yes to sign certificate and to commit.

```
./build-dh
./build-key [client-name]
cd keys/
cp myservername.crt myservername.key ca.crt dh1024.pem /etc/openvpn/
cd /usr/share/doc/openvpn/examples/sample-config-files
gzip -d server.conf.gz
cp server.conf /etc/openvpn/
cd /etc/openvpn/
nano server.conf
```

change the line

```
;push "redirect-gateway"
```

to

```
push "redirect-gateway def1"
```

(notice that there is no ; at the begining anymore!)

and if you feel like having a little more security also uncomment tese two lines and change the group name to “nogroup” rather than “nobody”

```
user nobody
group nogroup
```

also uncomment the line

```
client-to-client
```

# optional: NAT for vpn clients

if you want your vpn clients to be able to use this server as their internet gateway as well continue here:

```
apt-get install iptables
echo 1 > /proc/sys/net/ipv4/ip_forward
iptables -t nat -A POSTROUTING -s 10.8.0.0/24 -o eth0 -j MASQUERADE
```

put the last two lines in your /etc/rc.local if you want this service to be available after the next reboot again

## configure your client

copy the files ca.crt, client.crt and client.key from the server in */usr/share/doc/openvpn/examples/easy-rsa/2.0/keys/* to your client. also copy the example config file for the client from */usr/share/doc/openvpn/examples/sample-config-files/client.conf/* to the same directory on your client as the certificates. adjust the name of your server in the client config file and again the nouser, nogroup to help with security.

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