

OpenVPN

Open a shell, become root and create the VPN secret key:

```
openvpn --genkey secret /etc/openvpn/secret.key  
COPY
```

Copy the secret key to your client:

```
scp /etc/openvpn/secret.key root@IP_OF_CLIENT:/etc/openvpn/  
COPY
```

Create the **file** `/etc/openvpn/server.conf` with the following content:

```
dev tun  
ifconfig IP_OF_SERVER IP_OF_CLIENT  
secret secret.key  
COPY
```

Set up a tun device configuration by creating a **file** called `/etc/sysconfig/network/ifcfg-tun0` with the following content:

```
STARTMODE='manual'  
BOOTPROTO='static'  
TUNNEL='tun'  
TUNNEL_SET_OWNER='nobody'  
TUNNEL_SET_GROUP='nobody'  
LINK_REQUIRED=no  
PRE_UP_SCRIPT='systemd:openvpn@server'  
PRE_DOWN_SCRIPT='systemd:openvpn@service'  
COPY
```

The notation `openvpn@server` points to the OpenVPN server configuration **file** located at `/etc/openvpn/server.conf`. For **more** information, see `/usr/share/doc/packages/openvpn/README.SUSE`.

If you use a firewall, start YaST and open UDP port **1194** (Security and Users > Firewall > Allowed Services).

Start the OpenVPN server service by setting the tun device to up:

```
sudo wicked ifup tun0  
COPY
```

You should see the confirmation:

```
tun0          up
```