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
```