

# New OpenVPN Setup &® Mikrotik Connect



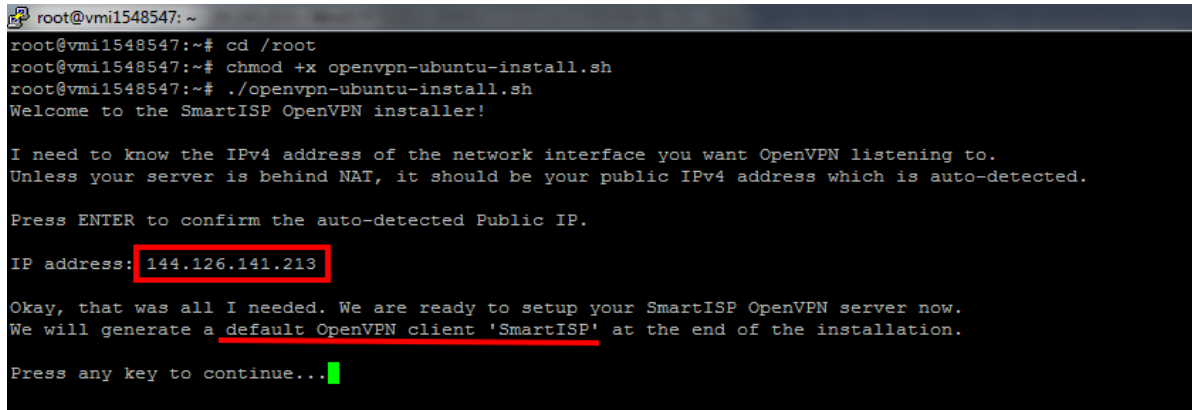
Prepared By

Rodrigo Anrrango  
Network Specialist and Consultant  
<https://SmartISP.us/install>

## 1) OpenVPN setup:

Execute below commands:

```
cd /root
chmod +x openvpn-ubuntu-install.sh
./openvpn-ubuntu-install.sh
```



```
root@vmi1548547: ~
root@vmi1548547:~# cd /root
root@vmi1548547:~# chmod +x openvpn-ubuntu-install.sh
root@vmi1548547:~# ./openvpn-ubuntu-install.sh
Welcome to the SmartISP OpenVPN installer!

I need to know the IPv4 address of the network interface you want OpenVPN listening to.
Unless your server is behind NAT, it should be your public IPv4 address which is auto-detected.

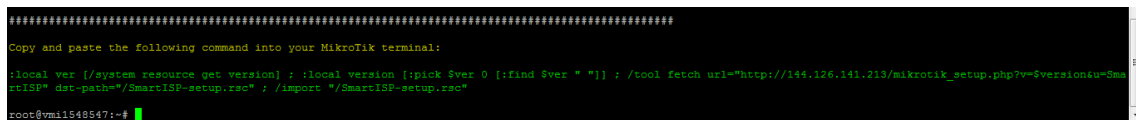
Press ENTER to confirm the auto-detected Public IP.

IP address: 144.126.141.213

Okay, that was all I needed. We are ready to setup your SmartISP OpenVPN server now.
We will generate a default OpenVPN client 'SmartISP' at the end of the installation.

Press any key to continue... █
```

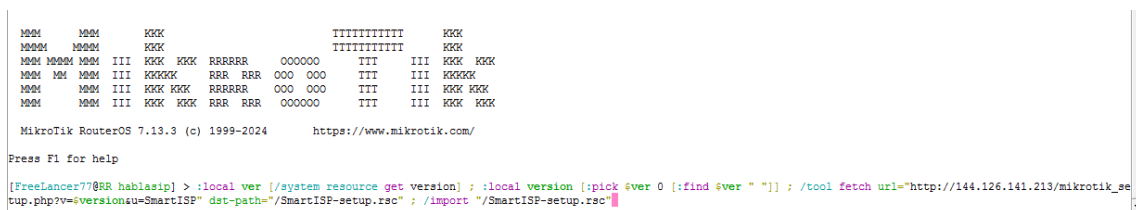
- Confirm the auto-detected public IP is correct (*if any changes, you can type the public IP there*) and press Enter
- Script will take care of all-setups, create the default OpenVPN user called “SmartISP” and provide you with the command to execute in Mikrotik Terminal



```
#####
Copy and paste the following command into your Mikrotik terminal:
[local ver [$(system resource get version)]: local version [$(pick $ver 0 [$(find $ver " ")]); /tool fetch url="http://144.126.141.213/mikrotik_setup.php?v=$version&SmartISP" dst-path="/SmartISP-setup.rsc"; /import "/SmartISP-setup.rsc"
root@vmi1548547:~# █
```

## 2) Mikrotik connect:

- Copy the command from Linux terminal
- Paste it to Mikrotik terminal and Press Enter.



```
MikroTik RouterOS 7.13.3 (c) 1999-2024 https://www.mikrotik.com/
Press F1 for help
[FreeLancer7@RR hablasip] > .local ver [$(system resource get version)]: local version [$(pick $ver 0 [$(find $ver " ")]); /tool fetch url="http://144.126.141.213/mikrotik_setup.php?v=$version&SmartISP" dst-path="/SmartISP-setup.rsc"; /import "/SmartISP-setup.rsc"
```

- Mikrotik will do all related setups

### 3) Create another OpenVPN user

Execute the script again:

```
cd /root
./openvpn-ubuntu-install.sh
```

Give a name for user when asked, and finally script will give you the command to execute at Mikrotik.

```
Notice
-----
Inline file created:
* /etc/openvpn/easy-rsa/pki/inline/SmartISP2.inline
Client SmartISP2 added.

* Static OpenVPN IP 10.8.0.3 is configured for new OpenVPN client SmartISP2.
* The certificates & key file has been copied to /var/www/public/openvpn_files/SmartISP2.
* Permission setup - Done.

#####

Copy and paste the following command into your MikroTik terminal:

:local ver [/system resource get version] ; :local version [[:pick $ver 0 [[:find $ver " " ]]] ; /tool fet
rtISP2" dst-path="/SmartISP2-setup.rsc" ; /import "/SmartISP2-setup.rsc"

root@vml1548547:~# █
```

Similarly you can,

- Remove/Revoke existing user
- Remove OpenVPN installation

, by following on-screen instructions when running `openvpn-ubuntu-install.sh` again

End of document...