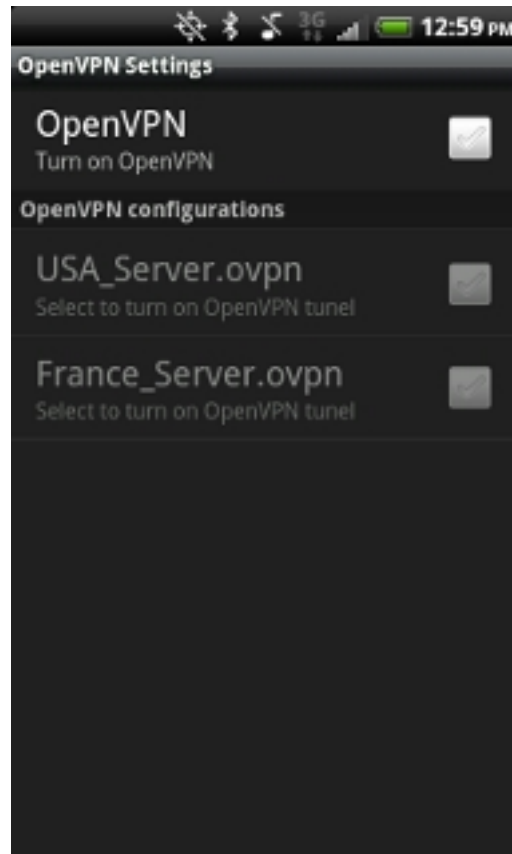


## [OpenVPN Settings: Android Client for OpenVPN](#)



### **1. Root your phone**

Your Android phone as shipped allows user permissions only. You must gain root access in order change system settings & file permissions. Rooting methods vary according to phone model & version of Android.

### **2. Install Support Apps from Android Market (free)**

BusyBox

OpenVPN Installer

OpenVPN Settings

Windows Mobile 5 Freeware  
Windows Mobile 5 Freeware info.  
The source for all things cellular.

Stericson's BusyBox Installer

BusyBox 1.17.1

**Status: Waiting...**

Your phone is rooted  
Amount of free space in /System: 107508kb  
We found more than one copy of BusyBox  
Currently installed BusyBox version is: v1.17.1

Select where you want to install BusyBox  
All other copies of BusyBox will be removed.


/system/xbin/

Install

Mobile applications  
Try Bitbop Mobile TV on Android  
Free Trial with CC. Get the App!

OpenVPN Installer

OpenVPN Installer  
Version: OpenVPN 2.1.1

 **Binary installed**  
/system/xbin/openvpn

Install

Exit

### 3. Copy Config Files to Phone

Create a folder named 'openvpn' on SDCard

Copy all configuration files there.

Check that your \*.ovpn files have no\_spaces in name.

### 4. Make ovpn executable

Mount system folder as read/write & chmod 755 /system/xbin/openvpn

### 5. Configure OpenVPN Settings Client

Advanced - check 'load tun kernel module'

TUN modules settings - check 'Load module using insmod'

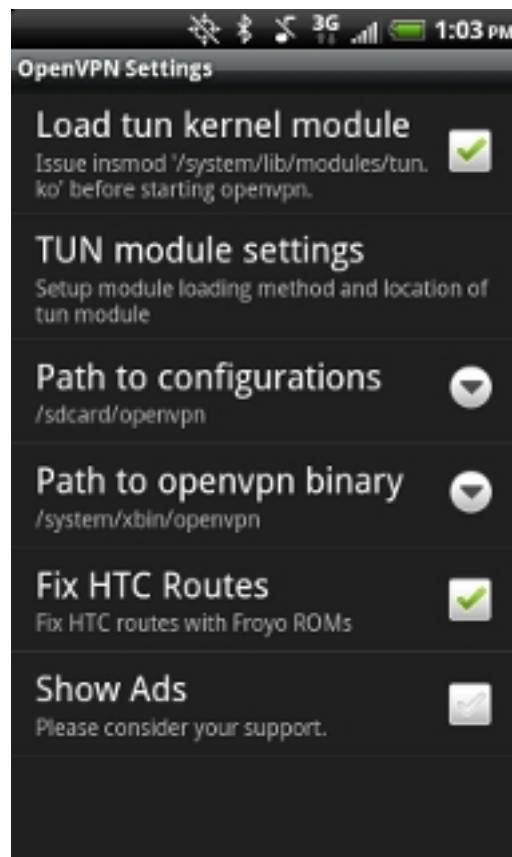
Path to tun module '/system/lib/modules/tun.ko'

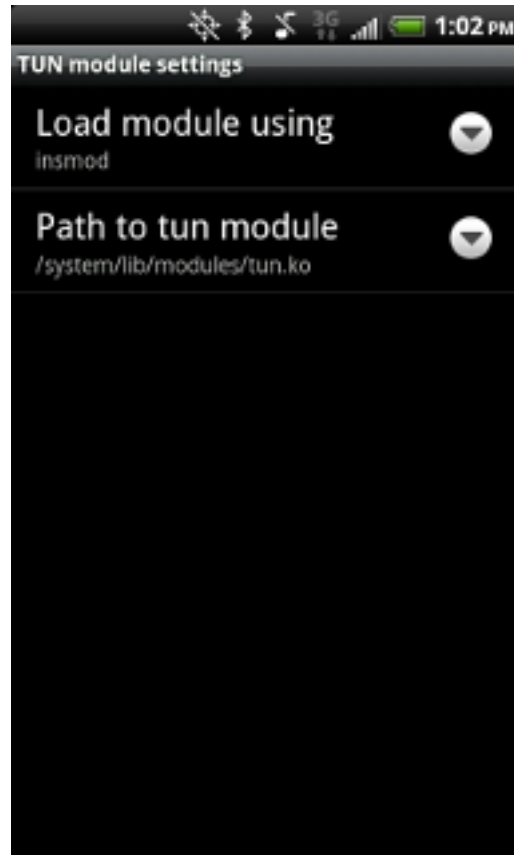
Path to configurations '/sdcard/openvpn'

Path to openvpn binary '/system/xbin/openvpn'

Check 'Fix HTC Routes' (only for Android 2.2 'Froyo')

Go back to main screen of OpenVPN Settings





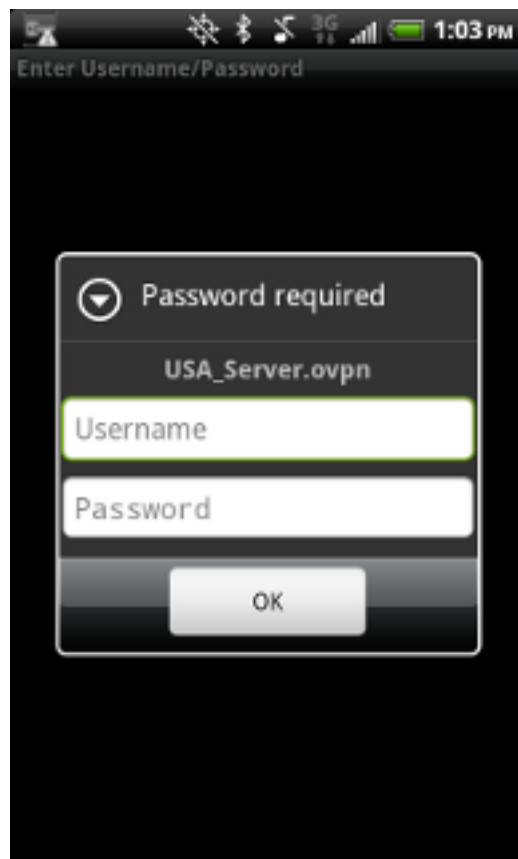
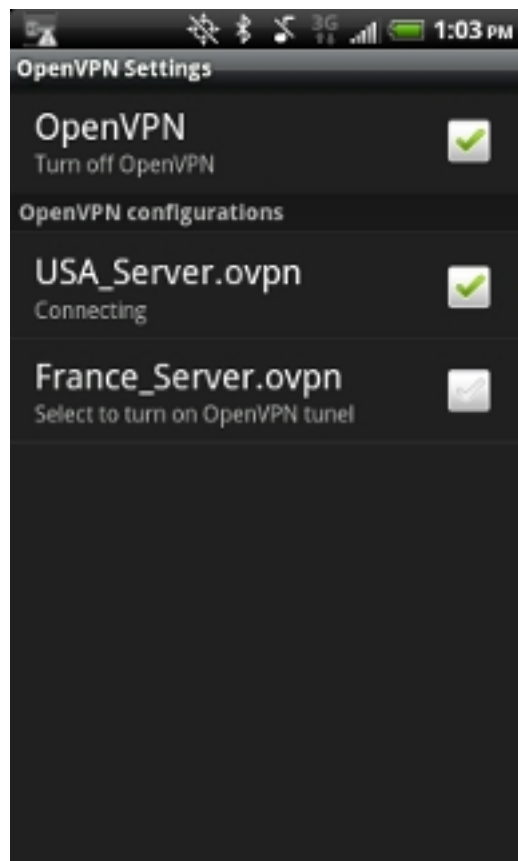
## 6. Connect to OpenVPN server

Check OpenVPN

Check your\_server.ovpn

Slide down status bar & enter Username/Password, then OK

Status under your\_server.ovpn should update after connected.



## Additional steps (if required)

### 1. Update tun.ko File

The simplest method is to flash a custom kernel with built-in tun.ko support  
These are specific to your device and Android version

### 2. Install Amon RA Recovery Tool

This will allow you to flash a custom kernel from SDCard  
Always install the latest version of the Recovery Tool specific to your device.

### 3. Download modified system files

'openvpn' & 'iproute-wrapper.sh' and copy to /system/xbin.

### 4. Edit Config File(s)

Open your openvpn config file(s) in text editor & add the following as last line, then save: 'iproute /system/xbin/iproute-wrapper.sh'.

More information on Android customization can be found at XDA Developers Forum.

[XDA-Developers Forums](#)

