

# How to establish PPTP/L2TP tunnel with iPhone 3G/iPhone 3Gs to Vigor router



Take Vigor2950 as an example.

## VPN Setting on Vigor Router

### ● Create remote-dial in account

1. On Vigor's web configuration page, click **VPN and Remote access >> Remote Dial-in User**. Select an index for creating user account.
2. After entering the page, check **Enable this account**. Then, type username and password.
3. Check **PPTP** and **L2TP** as Dial-In type, and then select **OK**.

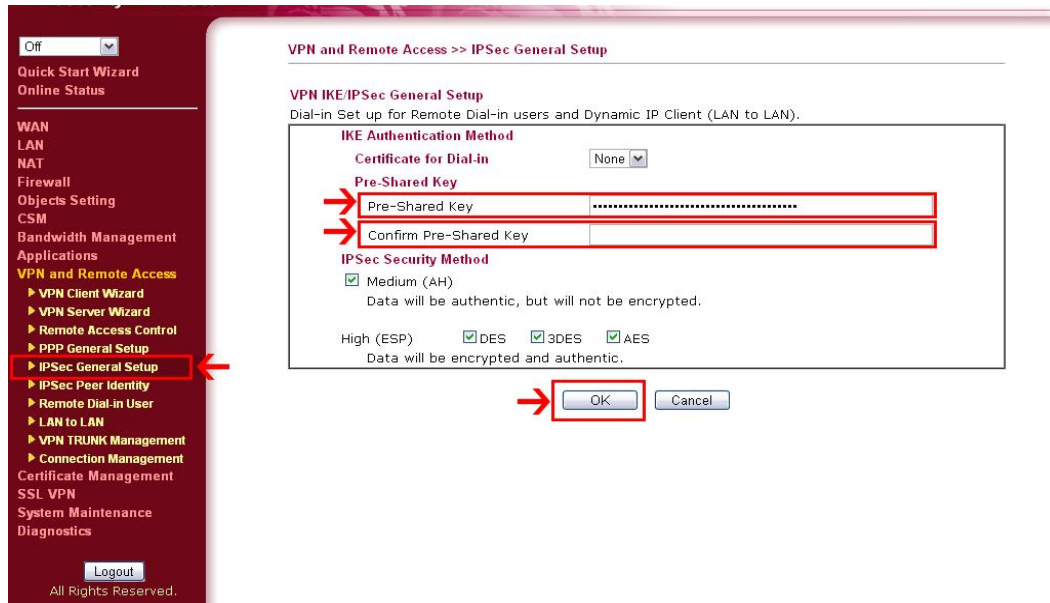
The screenshot shows the 'VPN and Remote Access >> Remote Dial-in User' configuration page. The left sidebar contains a menu with options like 'WAN', 'LAN', 'NAT', 'Firewall', 'Objects Setting', 'CSM', 'Bandwidth Management', 'Applications', 'VPN and Remote Access', 'Certificate Management', 'SSL VPN', 'System Maintenance', and 'Diagnostics'. The main content area is titled 'Index No. 1' and contains the following sections:

- User account and Authentication:** Includes a checkbox for 'Enable this account' (checked), an 'Idle Timeout' of 300 seconds, and fields for 'Username' (iphone) and 'Password' (masked with dots). The 'Authentication Type' is set to 'Local User Database'.
- Allowed Dial-In Type:** Includes checkboxes for 'ISDN' (checked), 'PPTP' (checked), 'IPSec Tunnel' (unchecked), 'L2TP with IPSec Policy' (checked), and 'SSL Tunnel / Microsoft® SSTP' (unchecked). The 'L2TP with IPSec Policy' is set to 'Must'.
- IKE Authentication Method:** Includes a checkbox for 'Pre-Shared Key' (checked) and a field for 'IKE Pre-Shared Key'.
- IPSec Security Method:** Includes checkboxes for 'Medium (AH)' (checked), 'High (ESP)' (checked), 'DES' (checked), '3DES' (checked), and 'AES' (checked). There is also a 'Local ID' field.
- Callback Function:** Includes a checkbox for 'Check to enable Callback function' (unchecked) and a 'Callback Budget' of 30 minutes.

At the bottom of the page, there are buttons for 'OK', 'Clear', and 'Cancel'. The 'OK' button is highlighted with a red arrow.

- **Create VPN IKE Pre-Shared key**

1. On Vigor's web configuration page, open **VPN and Remote Access>> IPsec General Setup**.
2. Type Pre-Shared key and confirm Pre-shared key again. Then select **OK**.



### 3Gs Settings on iPhone 3G / iPhone

- **Connect iPhone to Vigor router through 3G for accessing Internet**



- **PPTP/L2TP Setting on iPhone**

### Configuration for PPTP

1. In iPod touch/iPhone home page, press **Settings**. Open **General >> Network** and select **VPN Setting >> Setting**.

2. In VPN setting page, click **PPTP**. Type PPTP VPN Server IP address, account and password, then press **Save**.

The screenshot shows the 'Edit your VPN account information' screen for a PPTP VPN. At the top, there are 'Cancel' and 'Save' buttons. Below them are three tabs: 'L2TP', 'PPTP' (which is highlighted with a red box), and 'IPSec'. The configuration fields are as follows: 'Description' is set to 'PPTP' (highlighted with a red box); 'Server' is '220.132.146.177' (highlighted with a red box); 'Account' is 'iphone' (highlighted with a red box); 'RSA SecurID' is turned 'OFF'; 'Password' is represented by four dots (highlighted with a red box); 'Encryption Level' is set to 'Auto' with a right arrow; and 'Send All Traffic' is turned 'ON'.

### Configuration for L2TP

1. In iPod touch/iPhone home page, press **Settings**. Open **General** >> **Network** and select **VPN Setting** >> **Setting**.
2. In VPN setting page, Click PPTP >> Type PPTP VPN Server IP address、Username、Password and IKE key >> Press Save.

In VPN setting page, click **L2TP**. Type L2TP VPN Server IP address, account and secret number, then press **Save**.

The screenshot shows the 'Edit your VPN account information' screen for an L2TP VPN. At the top, there are 'Cancel' and 'Save' buttons. Below them are three tabs: 'L2TP' (which is highlighted with a red box), 'PPTP', and 'IPSec'. The configuration fields are as follows: 'Description' is set to 'L2TP' (highlighted with a red box); 'Server' is '220.132.146.177' (highlighted with a red box); 'Account' is 'iphone' (highlighted with a red box); 'RSA SecurID' is turned 'ON'; 'Secret' is represented by four dots (highlighted with a red box); and 'Send All Traffic' is turned 'ON'. At the bottom, there is a 'Proxy' section which is currently empty.

After completing VPN setting, please switch ON VPN connection, VPN connection status will be shown as below.

### PPTP VPN connection on iPhone



### PPTP VPN connection on Vigor2950

**Vigor2950 Series**  
Security VPN Router

DrayTek  
www.draytek.com

Off

Quick Start Wizard  
Online Status

WAN  
LAN  
NAT  
Firewall  
Objects Setting  
CSM  
Bandwidth Management  
Applications  
VPN and Remote Access  
    ▶ VPN Client Wizard  
    ▶ VPN Server Wizard  
    ▶ Remote Access Control  
    ▶ PPP General Setup  
    ▶ IPSec General Setup  
    ▶ IPSec Peer Identity  
    ▶ Remote Dial-in User  
    ▶ LAN to LAN  
    ▶ VPN TRUNK Management  
    ▶ Connection Management  
Certificate Management  
SSL VPN  
System Maintenance  
Diagnostics

Logout

All Rights Reserved.

VPN and Remote Access >> Connection Management

Dial-out Tool

Refresh Seconds : 30 Refresh

General Mode: Dial  
Backup Mode: Dial  
Load Balance Mode: Dial

VPN Connection Status

Current Page: 1 Page No. Go >>

VPN	Type	Remote IP	Virtual Network	Tx Pkts	Tx Rate	Rx Pkts	Rx Rate	UpTime	
1 ( iphone ) Local User Database	PPTP/MPPE	114.137.120.128	192.168.1.11/32	0	0	1	36	0:0:2	Drop

xxxxxxxx : Data is encrypted.  
xxxxxxxx : Data isn't encrypted.

## L2TP VPN connection on iPhone



## L2TP VPN connection on Vigor2950

### Vigor2950 Series

Security VPN Router

Off v

Quick Start Wizard  
Online Status

- WAN
- LAN
- NAT
- Firewall
- Objects Setting
- CSM
- Bandwidth Management
- Applications
- VPN and Remote Access
- ▶ VPN Client Wizard
- ▶ VPN Server Wizard
- ▶ Remote Access Control
- ▶ PPP General Setup
- ▶ IPsec General Setup
- ▶ IPsec Peer Identity
- ▶ Remote Dial-in User
- ▶ LAN to LAN
- ▶ VPN TRUNK Management
- ▶ Connection Management
- Certificate Management
- SSL VPN
- System Maintenance
- Diagnostics

Logout

All Rights Reserved.

#### VPN and Remote Access >> Connection Management

**Dial-out Tool** Refresh Seconds : 30 Refresh

General Mode:	<span style="border: 1px solid #ccc; padding: 2px;">v</span>	<span>Dial</span>
Backup Mode:	<span style="border: 1px solid #ccc; padding: 2px;">v</span>	<span>Dial</span>
Load Balance Mode:	<span style="border: 1px solid #ccc; padding: 2px;">v</span>	<span>Dial</span>

**VPN Connection Status** Page No.  Go >>

Current Page: 1

VPN	Type	Remote IP	Virtual Network	Tx Pkts	Tx Rate	Rx Pkts	Rx Rate	UpTime	
1 ( iphone ) Local User Database	L2TP AES-SHA1 Auth	114.137.120.128	192.168.1.11/32	0	0	1	36	0:0:2	<span>Drop</span>

xxxxxxxx : Data is encrypted.

xxxxxxxx : Data isn't encrypted.