

# 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**.

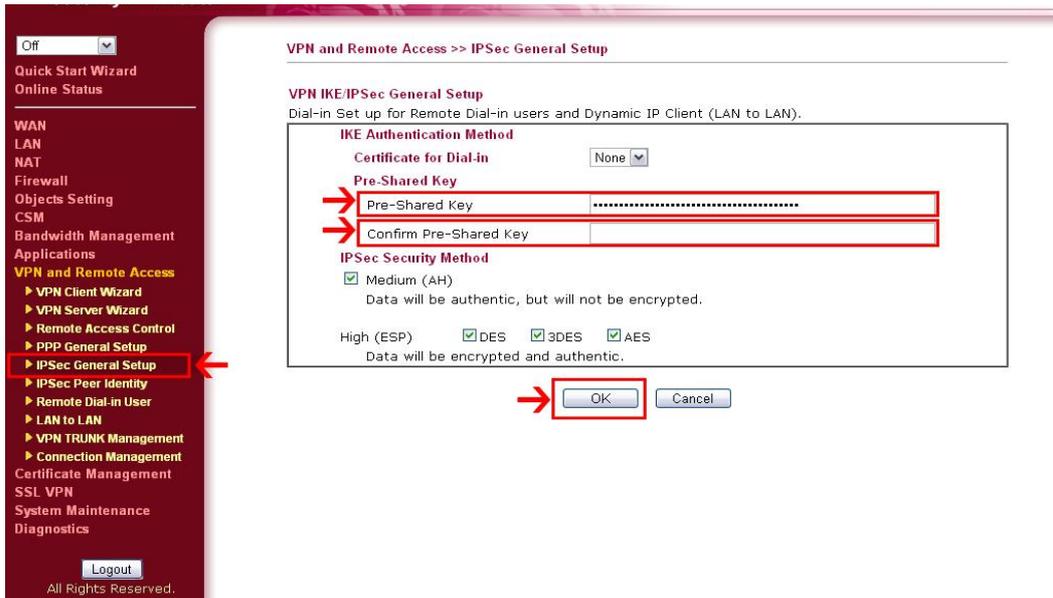
The screenshot shows the 'VPN and Remote Access >> Remote Dial-in User' configuration page. The left sidebar contains a navigation menu with 'VPN and Remote Access' expanded. The main content area is for 'Index No. 1'. Red arrows point to the following settings:

- Enable this account**
- ISDN**
- PPTP**
- L2TP with IPSec Policy** (set to 'Must')
- IPSec Tunnel**
- SSL Tunnel / Microsoft® SSTP**
- Specify Remote Node**
- Pre-Shared Key** (IKE Authentication Method)
- Medium (AH)** and  **High (ESP)** (IPSec Security Method)
- DES**,  **3DES**, and  **AES** (IPSec Security Method)
- Check to enable Callback function** (Callback Function)

Other visible settings include: Username: 'iphone', Password: '\*\*\*\*\*', Authentication Type: 'Local User Database', Idle Timeout: '300 second(s)', Netbios Naming Packet: 'Pass', Multicast via VPN: 'Block', and Callback Budget: '30 minute(s)'. At the bottom, 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**.

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



### Configuration for L2TP

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



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

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

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VPN and Remote Access >> Connection Management

Dial-out Tool Refresh Seconds : 30 Refresh

General Mode:	<input type="text"/>	<input type="button" value="Dial"/>
Backup Mode:	<input type="text"/>	<input type="button" value="Dial"/>
Load Balance Mode:	<input type="text"/>	<input type="button" value="Dial"/>

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	PPTP/MPPE	114.137.120.128	192.168.1.11/32	0	0	1	36	0:0:2	<input type="button" value="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

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

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VPN and Remote Access >> Connection Management

Dial-out Tool Refresh Seconds : 30 Refresh

General Mode:	<input type="text"/>	<input type="button" value="Dial"/>	
Backup Mode:	<input type="text"/>	<input type="button" value="Dial"/>	
Load Balance Mode:	<input type="text"/>	<input type="button" value="Dial"/>	

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

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