



# How to configure your router as a PPPoE Dialer?

## Part 1: TP-Link



## Step 1

### Prerequisites:

1. Get your ONT port configured for external router's dialing by calling NAYAtel Support
2. Ask Nayatel representative to Unbind the MAC Address of the previous router

### Configurations:

Connect your computer to any LAN port of your TP-Link router using an Ethernet cable. Get your ONT port configured for external router's dialing by calling NAYAtel Support

Login to the TP-Link web interface through the IP address listed on the label on the bottom of your TP-Link

**Note:** Try the following incase none is available

- a) 192.168.1.1
- b) 192.168.2.1
- c) 192.168.0.1

You can also login to TP-Link web interface though the website <http://tplinkwifi.net>, which is specified on the router's bottom.

The screenshot shows the TP-Link web interface for a 450M Wireless N Gigabit Router (Model No. TL-WR2543ND). The interface is divided into a left sidebar with navigation options, a main content area, and a right sidebar with a 'Status Help' section.

**Navigation Sidebar:**

- Status
- Quick Setup
- WPS
- Network
- Wireless
- DHCP
- USB Settings
- Forwarding
- Security
- Parental Control
- Access Control
- Advanced Routing
- Bandwidth Control
- IP & MAC Binding
- Dynamic DNS
- System Tools

**Main Content Area:**

**Status**

Firmware/Version: 3.13.4 Build.150923 Rev03137n  
Hardware Version: WR2543ND.v1 00000000

**LAN**

MAC Address: 80-4B-7A-81-D3-60  
IP Address: 192.168.0.1  
Subnet Mask: 255.255.255.0

**Wireless**

Wireless Radio: Enable  
Name (SSID): TP-LINK TL-WR2543ND  
Band: 2.4G  
Mode: 11n only  
Channel: Auto (Current channel 9)  
Channel Width: 40MHz  
Max Tx Rate: 450M  
MAC Address: 80-4B-7A-81-D3-60

**Status Help**

The Status page displays the Router's current status and configuration. All information is read-only.

LAN - The following parameters apply to the LAN's port of the Router. You can configure them on the Network -> LAN page.

- **MAC Address** - The physical address of the Router, as seen from the LAN.
- **IP Address** - The LAN IP address of the Router.
- **Subnet Mask** - The subnet mask associated with LAN IP address.

Wireless - These are the current settings or information for Wireless. You can configure them in the Wireless -> Wireless Settings page.

- **Wireless Radio** - Indicates whether the wireless radio feature of the Router is enabled or disabled.
- **Name(SSID)** - The SSID of the Router.
- **Band** - The frequency band that radio works on.
- **Mode** - The current wireless mode which the Router works on.
- **Channel** - The current wireless channel in use.
- **Channel Width** - The bandwidth of the wireless channel.
- **Max Tx Rate** - The maximum tx rate.
- **MAC Address** - The physical address of the Router, as seen from the WLAN.
- **WDS Status** - The status of the WDS connection is displayed.
  - Init(Initiate) WDS connection is down.
  - Scan: the router is searching the Root AP to be connected with.
  - Auth/Authenticate: the Router is trying to get authorization from Root AP.
  - Assoc: the router is trying to associate with Root AP.



## Step 2

Click **Network > WAN** on the left of the web page:

Change the **WAN Connection Type** to **PPPoE**.

Enter your **PPPoE username** and **PPPoE password** which are provided by Nayatel.

**WAN**

**WAN Connection Type:**

**PPPoE Connection:**

**User Name:**

**Password:**

**Confirm Password:**

**Secondary Connection:**  Disabled  Dynamic IP  Static IP (For Dual Access/Rus

**Wan Connection Mode:**  Connect on Demand  
Max Idle Time:  minutes (0 means remain active at all ti

**Connect Automatically**

Time-based Connecting  
Period of Time: from  :  (HH:MM) to

Connect Manually  
Max Idle Time:  minutes (0 means remain active at all ti

**Disconnected!**

## Step 3

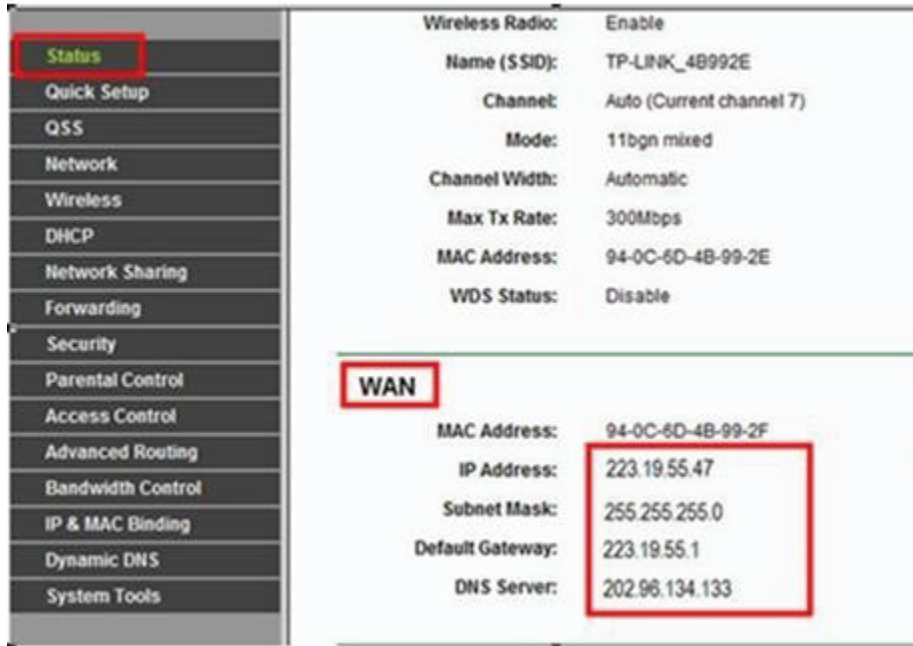
Click **Save** to save your settings, then the router will connect to Internet after a while.



## Step 4

### Confirming the Internet connection Status

Check the **WAN** part on the **Status** page, if it shows a Public IP address (as below), that means the connection between the Router and the internet is established.



## Step 5

Connect your **Huawei ONT** or **Alcatel ONT** to the **TP-Link** router via **WAN port** (as seen below). The WAN port of TP Link router is used for this configuration. Yellow port to be connected with Blue port.



Alcatel ONT

TP Link Router



Huawei ONT

TP Link Router

