

Configuring a TPLINK Router TP Link TL-
WR740N / TL-
WR741ND Basic Configuration Steps

Configuring Your Router

- **STEP 1 (a): Connect Your PC to the Router**
- Unbox the router and power up the router.
- Connect the Kovai fibernet internet cable to the WAN/Internet port(different coloured port) of the router.
- An extra LAN cable will be available with the router, take LAN cable connect one end to the LAN port(1-4) of the router(any one port) and one end to the PC or Laptop.
- In the system press key & R key together to open Run dialog box.
- Type ipconfig on the command prompt(Black screen) . The default gateway of the LAN or Ethernet adapter will be the Router address. (Ex:192.168.0.1)

```
C:\Users\USER>ipconfig

Windows IP Configuration

Wireless LAN adapter Wireless Network Connection:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . : ATRIA

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix . :
    IPv4 Address. . . . . : 192.168.1.101
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.1
```

STEP 1 (b): Connect Your Mobile

- Switch on the router and connect KOVAI FIBERNET internet cable to the WAN/Internet port of the router.
- Go to setting in the Mobile, turn on Wi-Fi and wait until the mobile detects router name press the router name to connect.
- If the router is already configured and the Wi-Fi password is known then go to settings in the Mobile.
- Under “Wireless and Networks”, press Wi-Fi make sure "Wi-Fi" is turned on.
- Wait until the mobile detects router name press the router name if prompted enter the Wi-Fi password and press Connect.

NOTE

- Every Router Configuration has two parts
 - Configuring the Internet Part, where we tell the Router how to connect to the internet.
 - Configuring the Wi-Fi Part, where we decide the name and password with which we connect to the Router.
- Internet Configuration shown here will guide to Configure the Router in PPPoE.
 - This will enable you to browse internet directly, every time you connect to the router. No need to login again and again.
- Wi-Fi Configuration has also been given, in order to ease the process of you connecting to the Router.
 - SSID and Password Creation have been explained.
 - Few high end routers have two bands to work on
 - 2.4 GHz and 5 GHz – 2.4 GHz band provides higher range, but lesser speed.
 - 5 GHz band provides lower range, but higher speed. – Changing Different Wi-Fi Channels
 - Helps in reducing Slow Speed Issues.

STEP 2: Logging into the Router

- Open a browser -> Enter the below IP Address in the Address Bar. A login page appears. The usual usernames and passwords are given in the table below.

Router Name	IP Address	Username	Password
Cisco or Linksys	192.168.1.1	admin	admin
D-Link	192.168.0.1	admin	(blank)
TP-Link	192.168.0.1	admin	admin
Net gear	192.168.1.1	admin	password
Belkin	192.168.2.1	Click on Login in Home	(blank)
Tenda	192.168.0.1	admin	admin
i-Ball Baton	192.168.1.1	admin	admin
Digisol	192.168.2.1	admin	1234 or admin
Asus	192.168.1.1	admin	admin

- If all the above credentials do not work, please check the back of the router where the username and password will be mentioned.

STEP 3(a): Internet Connectivity – PPPoE Configuration

- Step 1 : Open any web browser
- Step 2 : Type Router page address on the address bar(192.168.0.1)
- Step 3 : Login with credentials



STEP 3(b): Internet Connectivity – PPPoE Configuration

- Step 1: Enter the portal username in the PPPoE username field
- Step 2: Enter the portal password in the PPPoE password
- Step 3: Click on Save
- By Default Username & Password is same

The screenshot displays the WAN Settings page. On the left is a navigation menu with the following items: Status, Quick Setup, Operation Mode, Network (highlighted in yellow), - WAN (highlighted in red), - LAN, - IPTV, - MAC Clone, Wireless, Guest Network, DHCP, Forwarding, Security, Parental Controls, Access Control, Advanced Routing, Bandwidth Control, IP & MAC Binding, Dynamic DNS, IPv6, System Tools, and Logout. The main content area is titled 'WAN Settings' and contains the following configuration options:

- Connection Type: PPPoE (selected in a dropdown menu), with a Detect button.
- PPP Username: Allnet (text input field, highlighted in red).
- PPP Password: [masked with dots] (password input field, highlighted in red).
- Confirm password: [masked with dots] (password input field, highlighted in red).
- Secondary Connection: Disabled (selected radio button), Dynamic IP, Static IP (For Dual Access).
- Connection Mode: Always on (selected radio button), Connect on demand, Connect manually.
- Max Idle Time: 15 minutes (text input field), with a note: (0 meaning connection remains active at all times).
- Authentication Type: AUTO_AUTH (selected in a dropdown menu).
- Buttons: Connect, Disconnect, Connecting...
- Advance button (dropdown arrow).
- Save button (highlighted in red at the bottom of the page).

STEP 3(c): Internet Connectivity – PPPoE Service Name

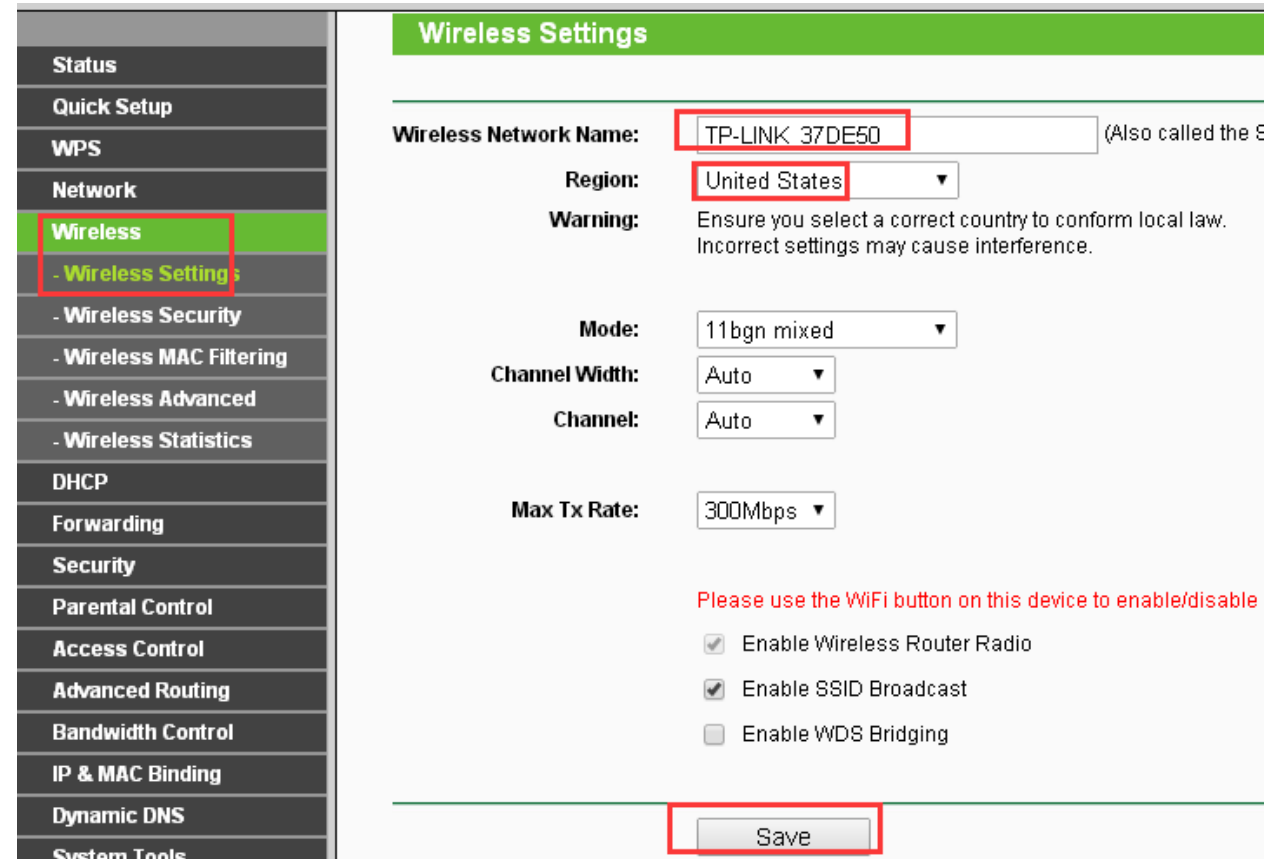
- Step 1: After the Save. Click Advance Option to enter service name.
- Step 2: Enter the Service Name.
- Step 3: Click on Save.

The screenshot displays the configuration page for Internet Connectivity. The left sidebar shows a navigation menu with 'Network' highlighted in yellow and '- WAN' selected with a red border. The main content area includes the following fields and options:

- Confirm password: [password field]
- Secondary Connection: Disabled Dynamic IP Static IP (For Dual Access)
- Connection Mode: Always on Connect on demand Connect manually
- Max Idle Time: 15 minutes (0 meaning connection remains active at all times)
- Authentication Type: AUTO_AUTH
- Buttons: Connect, Disconnect, Connecting...
- Service Name: [****] (do not change unless necessary) - This field is highlighted with a red box.
- Server Name: [] (do not change unless necessary)
- MTU(Bytes): 1480 (1480 as default, do not change unless necessary)
- Use IP address specified by ISP:
- Echo request interval: 0 (0-120 seconds, 0 meaning no request)
- Set DNS server manually:
- Buttons: Hide, Save - The Save button is highlighted with a red box.

STEP 4(a): Wi-Fi Connectivity – Router SSID/Password Configuration

- Step 1: Type in your preferred Wi-Fi name in SSID(Network name dialog box). Region Select Asia.
- Step 2: All the remaining field are set by default.
- Step 3: click on Save.



Wireless Settings

Wireless Network Name: (Also called the SSID)

Region: ▼

Warning: Ensure you select a correct country to conform local law. Incorrect settings may cause interference.

Mode: ▼

Channel Width: ▼

Channel: ▼

Max Tx Rate: ▼

Please use the WiFi button on this device to enable/disable wireless.

Enable Wireless Router Radio

Enable SSID Broadcast

Enable WDS Bridging

STEP 4(b): Wi-Fi Connectivity –Password Configuration

- Step 1 : Click on security mode dialog box and select WPA2–PSK(Recommended).
- Step 2 : To configure a wireless Password
- Step 3 : Click Save.



Wireless Security

Disable Security

WPA/WPA2 - Personal(Recommended)

Version: WPA2-PSK

Encryption: AES

Wireless Password: create your own password

(You can enter ASCII characters between 8 and 63 characters)

Group Key Update Period: 0 Seconds (Keep it default if you want)

WPA/WPA2 - Enterprise

Version: Automatic

Encryption: Automatic

Radius Server IP:

Radius Port: 1812 (1-65535, 0 stands for default port)

Radius Password:

Group Key Update Period: 0 (in second, minimum is 30)

STEP 5 : Reboot

- After done the configuration.
- Reboot the router.

The screenshot displays the TP-LINK web management interface for a 300M Wireless N Router (Model No. TL-WR841N / TL-WR841ND). The interface is divided into a left sidebar menu and a main content area. The sidebar menu includes options like Guest Network, DHCP, Forwarding, Security, Parental Control, Access Control, Advanced Routing, Bandwidth Control, IP & MAC Binding, Dynamic DNS, IPv6 Support, System Tools, Time Settings, Diagnostic, Firmware Upgrade, Factory Defaults, Backup & Restore, Reboot, Password, System Log, Statistics, and Logout. The 'System Tools' and 'Reboot' options are highlighted with red boxes. The main content area shows a 'Restart' button at the top, followed by a progress bar indicating the router is 'Restarting...' at 55%. A mouse cursor is visible over the progress bar. On the right side of the main content area, there is a 'Reboot Help' section with instructions and a list of settings that will take effect after rebooting.

TP-LINK 300M Wireless N Router
Model No. TL-WR841N / TL-WR841ND

Restart

Restarting...
55%

Reboot Help

Click the Reboot button to reboot this device.

Some settings of this device will take effect only after rebooting, which include:

- Change the LAN IP Address (system will reboot automatically).
- Change the DHCP Settings.
- Change the Web Management Port.
- Upgrade the firmware of this device (system will reboot automatically).
- Restore this device's settings to the factory defaults (system will reboot automatically).
- Update the configuration with the file (system will reboot automatically).

STEP 6 (As and when required): Firmware upgrade

- System Tools > firmware upgrade > upload the new firmware file > upgrade firmware
- You can choose to download a Firmware version and then upload it offline or choose to download directly from internet itself.

