4. A Home Wireless Router setup--- TP link and Dlink

TP-LINK®

300M Wireless N Router
Model No. TL-WR840N / TL-WR840ND

Status
Quick Setup
WPS
Network
- WAN
- MAC Clone
- LAN
Wireless
Guest Network
DHCP
Forwarding
Security
Parental Control
Access Control
Advanced Routing
Bandwidth Control
IP & MAC Binding
Dynamic DNS
IPv6 Support
System Tools
Logout

WAN

WAN Connection Type: PPPoE/Russia PPPoE ∨   Detect

PPPoE Connection:
User Name: samsuzzaman
Password: ••••••••••••
Confirm Password: ••••••••••••

Secondary Connection: ⦿ Disabled   ○ Dynamic IP   ○ Static IP   (For Dual Access/Russia PPPoE)

Wan Connection Mode: ○ Connect on Demand
Max Idle Time: 15 minutes (0 means remain active at all times.)
⦿ Connect Automatically
○ Time-based Connecting
Period of Time: from 0 : 0 (HH:MM) to 23 : 59 (HH:MM)
○ Connect Manually
Max Idle Time: 15 minutes (0 means remain active at all times.)
Connect   Disconnect   Connected

Save   Advanced

WAN Help

WAN Connection Type:

If your ISP is running a DHCP server, select the **Dynamic IP** option.

If your ISP provides a static or fixed IP Address, Subnet Mask, Gateway and DNS setting, select the **Static IP** option.

If your ISP provides a PPPoE connection, select **PPPoE/Russia PPPoE** option.

If your ISP provides BigPond Cable (or Heart Beat Signal) connection, please select **BigPond Cable** option.

If your ISP provides L2TP connection, please select **L2TP/Russia L2TP** option.

If your ISP provides PPTP connection, please select **PPTP/Russia PPTP** option.

Note: If you don't know how to choose the appropriate connection type, click the **Detect** button to allow the Router to automatically search your Internet connection for servers and protocols. The connection type will be reported when an active Internet service is successfully detected by the Router. This report is for your reference only. To make sure the connection type your ISP provides, please refer to the ISP. The various types of Internet connections that the Router can detect are as follows:

- **PPPoE/Russia PPPoE** - Connections which use PPPoE that requires a user name and password.
- **Dynamic IP** - Connections which use dynamic IP address assignment.
- **Static IP** - Connections which use static IP address assignment.

User Name/Password - Enter the User Name and Password provided by your ISP. These fields are case-sensitive.

Secondary Connection - Secondary Connection - It's available only for PPPoE Connection. If your ISP provides an extra Connection type such as Dynamic/Static IP to connect to a local area network, then you can check

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LAN

MAC Address: 84-16-F9-72-73-36
IP Address: 192.168.20.1
Subnet Mask: 255.255.255.0 ∨
IGMP Proxy: Enable ∨

Note:IGMP(Internet Group Management Protocol) works for IPTV multicast stream.The device supports both IGMP proxy with enabled/disabled option and IGMP snooping.

Save

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- - Wireless Security
- - Wireless MAC Filtering
- - Wireless Advanced
- - Wireless Statistics
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Wireless Settings

Wireless Network Name: CCE   (Also called the SSID)
Mode: 11bgn mixed
Channel Width: Auto
Channel: Auto

☑ Enable Wireless Router Radio
☑ Enable SSID Broadcast
☐ Enable WDS Bridging

[Save]

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Wireless Security

○ **Disable Security**

◉ **WPA/WPA2 - Personal(Recommended)**

Version:	Automatic ⌄
Encryption:	AES ⌄
Wireless Password:	sobuz0014012

(You can enter ASCII characters between 8 and 63 or Hexadecimal characters between 8 and 64.)

Group Key Update Period:	0 Seconds

(Keep it default if you are not sure, minimum is 30, 0 means no update)

○ **WPA/WPA2 - Enterprise**

Version:	Automatic ⌄
Encryption:	Automatic ⌄
Radius Server IP:	
Radius Port:	1812 (1-65535, 0 stands for default port 1812)
Radius Password:	
Group Key Update Period:	0 (in second, minimum is 30, 0 means no update)

○ **WEP**

Type:	Automatic ⌄
WEP Key Format:	Hexadecimal ⌄

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DHCP Settings

DHCP Server: ○ Disable ● Enable

Start IP Address: 192.168.20.100

End IP Address: 192.168.20.199

Address Lease Time: 120 minutes (1~2880 minutes, the default value is 120)

Default Gateway: 192.168.20.1

Default Domain: _____ (Optional)

Primary DNS: 8.8.8.8 (Optional)

Secondary DNS: 208.67.222.222 (Optional)

[Save]

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DHCP Client List

ID	Client Name	MAC Address	Assigned IP	Lease Time
1	RedmiS2-RedmiS2	0C-98-38-C2-0B-31	192.168.20.100	01:42:01
2	RedmiNote8Pro-RedmiN	9C-28-F7-8C-FE-37	192.168.20.102	01:06:32
3	RedmiNote4-MdSamsuzz	E4-46-DA-E5-07-68	192.168.20.101	01:53:00
4	SARRINAHLAPTOP	F4-96-34-DE-0F-E4	192.168.20.105	01:13:14
5	android-cee415c962d3d2da	9C-5C-8E-DF-DB-9E	192.168.20.103	01:27:58

Refresh

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System Tools
- Time Settings
- Diagnostic
- Firmware Upgrade
- Factory Defaults
- Backup & Restore
- Reboot
- Password
- System Log
- Statistics
Logout

Password

Username and password can contain between 1 – 15 characters and may not incluede spaces.

Old User Name:
Old Password:

New User Name:
New Password:
Confirm New Password:

Save   Clear All

TP-Link Router Setup

If you have bought a new TP-Link Router, then configuring the router and setting it up is really easy. You can easily set up your new WP-Link Wi-Fi router and will be able to use it.

Note: To connect to the internet, the router must be connected to an active modem or data jack

***Follow this guide to set up your new TP-Link Router –***

1. Power on the router and connect your PC to the router using an Ethernet cable.
2. Once connected, open a web browser and head over to *192.168.0.1* or *www.tplinkwifi.net*.
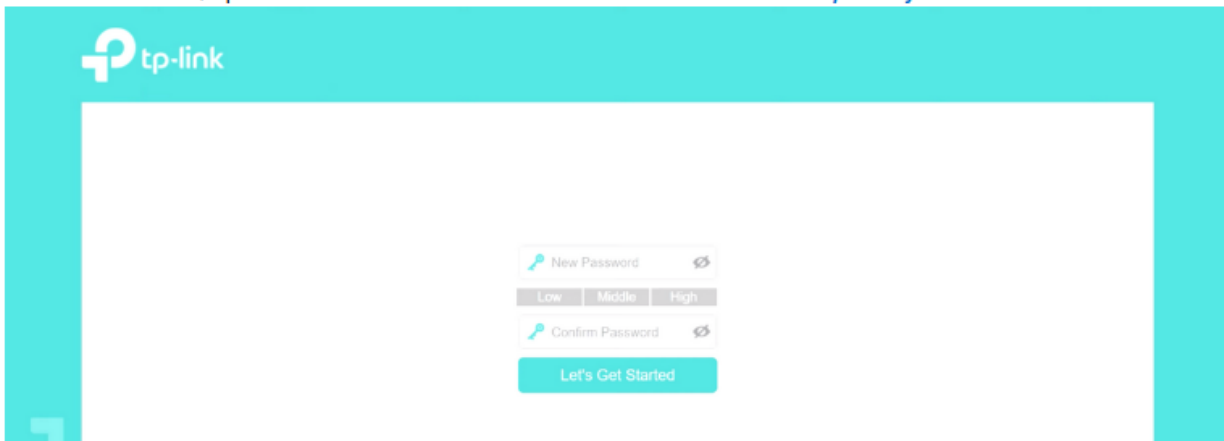
3. Set your router login password by entering it twice. It is preferred to keep it simply – *"admin"*.
4. Click on **Let's Get Started/Login.**
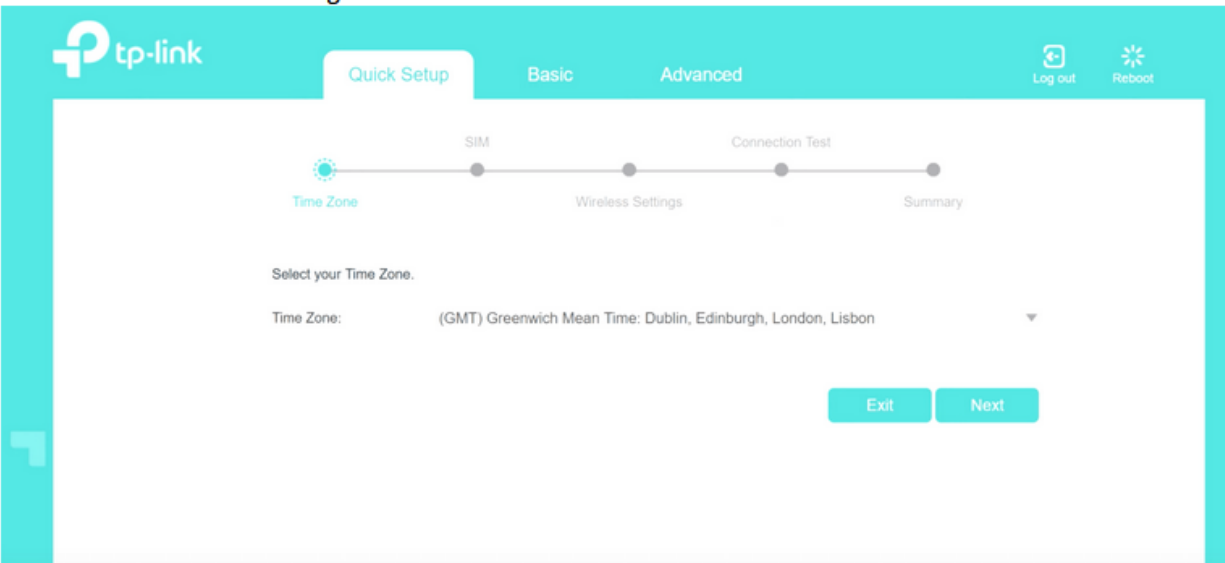
5. Now, follow the on-screen instructions and configure your Internet and Wireless Network using the **Quick Setup** option.
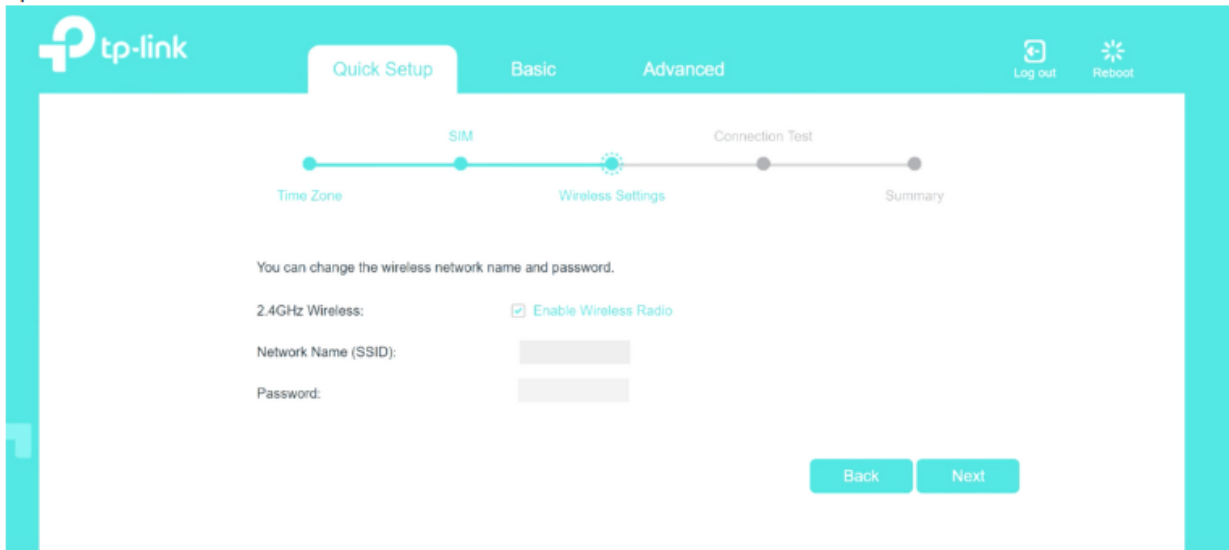
6. Enter the name **(SSID)** for your Wireless Network in the given field and also, set a **password** to secure your Wi-Fi network.
7. Now, you can finish the process, after which you will be able to join the Wireless Connection with the SSID using your password.

192.168.0.1

D-Link Router Setup

D-Link Router can be configured in just a few minutes and once you have configured the router and set it up, your Wi-Fi connection will set up and you will be able to connect to the internet through your D-Link Router.

Before proceeding, make sure the ethernet cable is attached to modem or an active data jack to the ethernet port in back of your router.

Follow these steps to set up your D-Link Router –

1. Power on your D-Link Router.
2. Connect your PC to the router using an Ethernet Cable or WiFi.
3. Once your PC is connected, open a web browser and go to *http://192.168.0.1* or *http://192.168.1.1* (The default gateway address may vary from model to model, here is list of default router IP address).
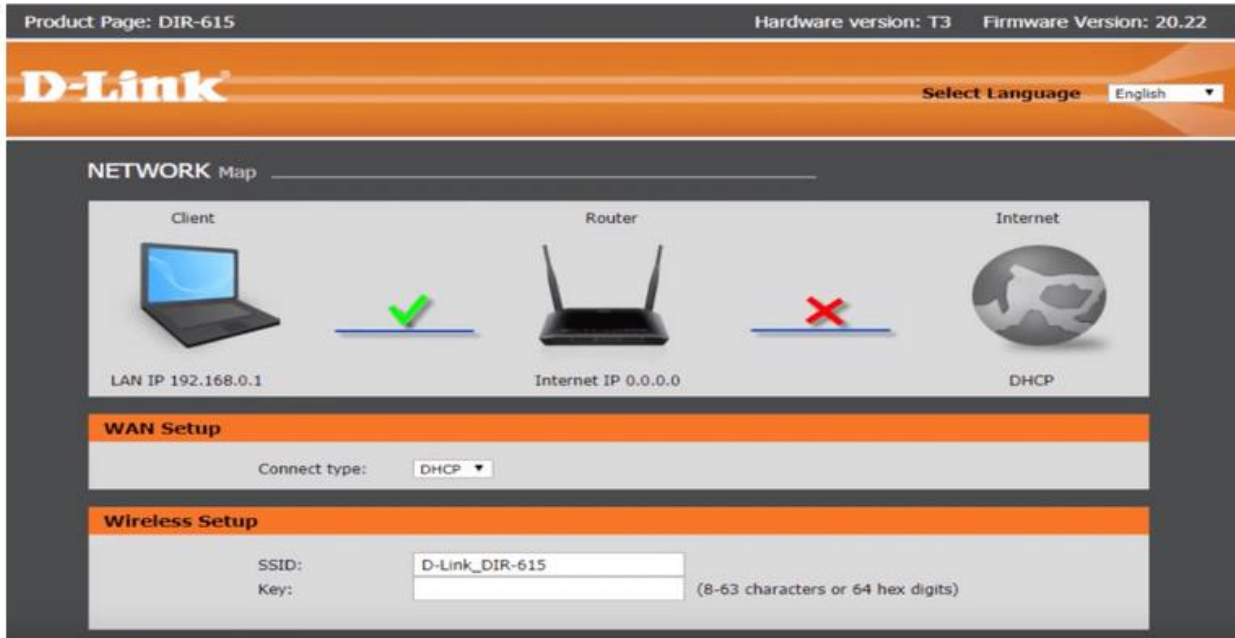
4. A login page will appear. The default username is admin and the password field is to be left blank. Click on **Log In.**

5. Now, you can configure and set up your router using the **Internet Connection Setup Wizard.**

6. Under Wireless Setup enter SSID (WiFi Name) and Key (Password).
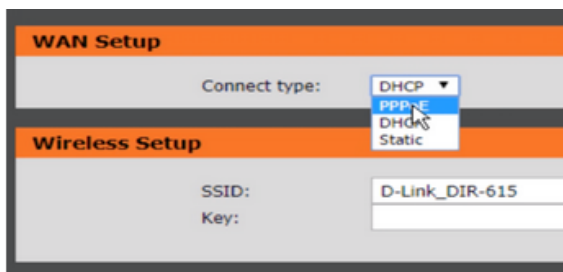
7. Under WAN Setup choose Connect type: DHCP/PPPoE/Static (You can ask your ISP about your internet connection and the required details).

8. After you have configured your internet connection, you can then click on **Save and Connect** and the router will now connect to the Internet.

9. You can then visit the Wireless Settings and set up your Wi-Fi Network including its SSID and password.

- How to reset Password
- How reset existing Configuration