Configuring TP-Link router as an Access Point (Wi-Fi Extender)

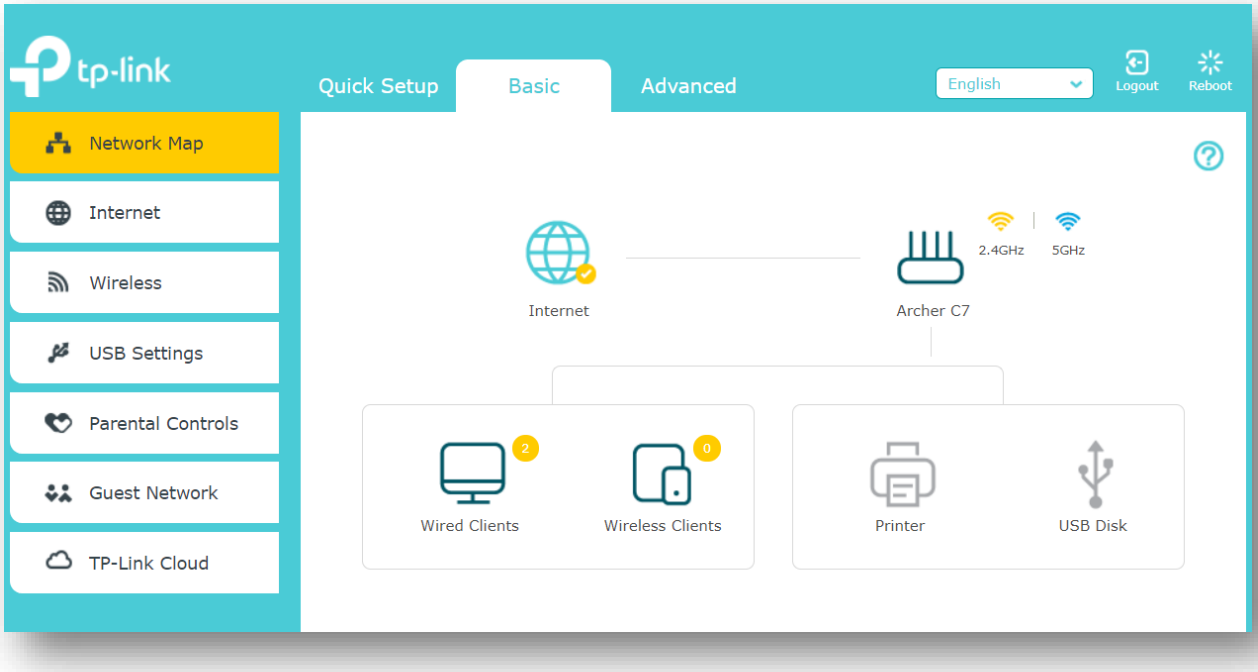
Provided by: NAYAtel Access

Configuring TP-Link router as an **Access** Point (Wi-Fi Extender)

Step 1:

Connect your computer to any LAN port on your TP-Link router using an Ethernet cable. Login to the TP-Link web interface through the IP address listed on the label on the bottom of your router. You can also login to TP-Link web interface though the website http://tplinkwifi.net/

By default, there is no username or password and can be set up initially.

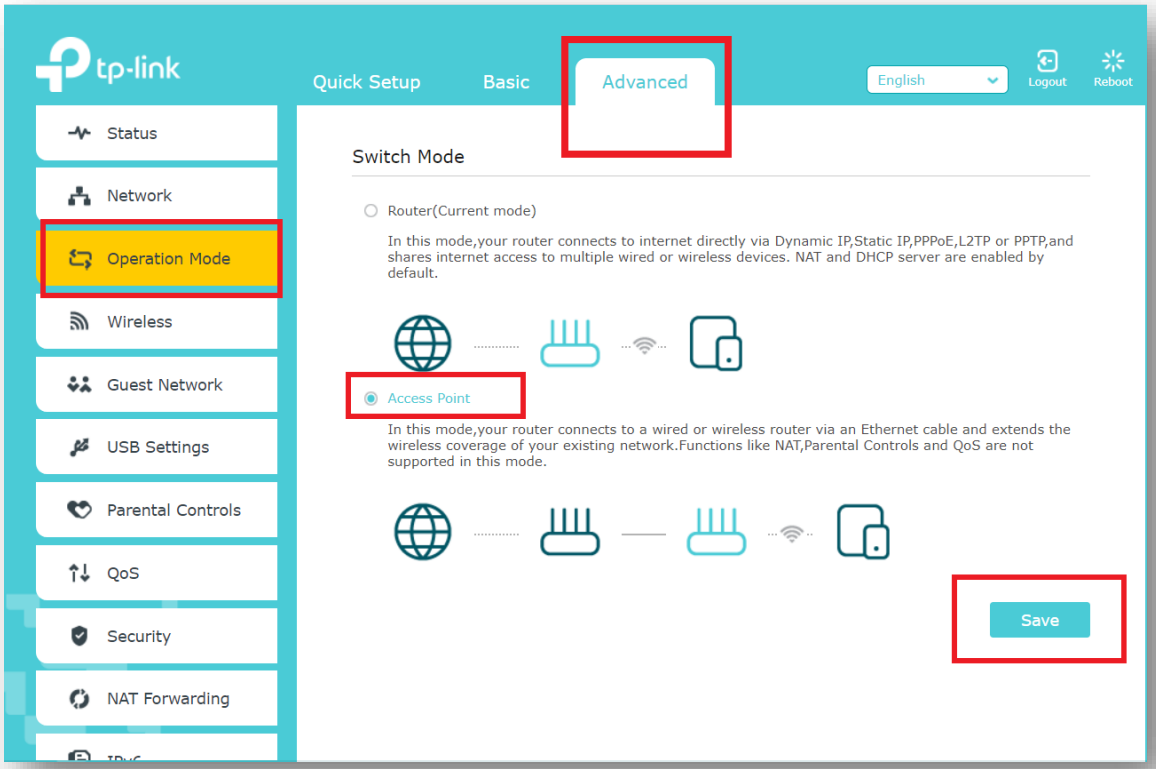


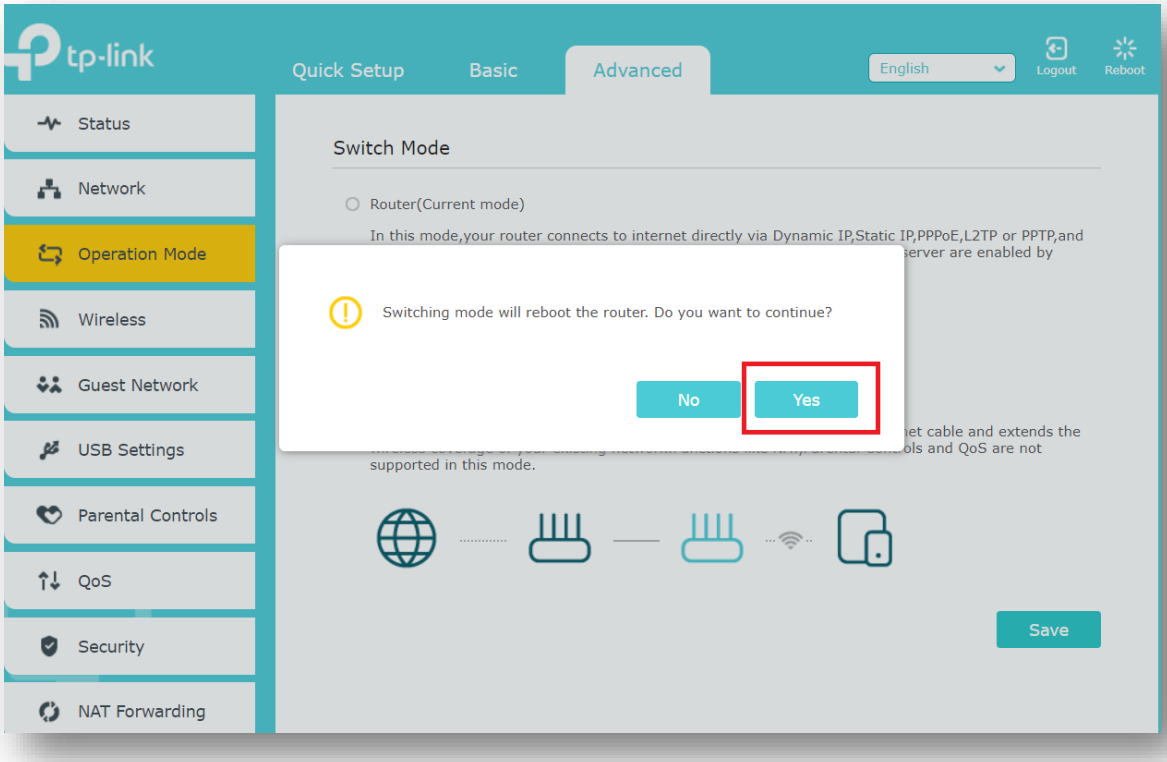
Step 2:

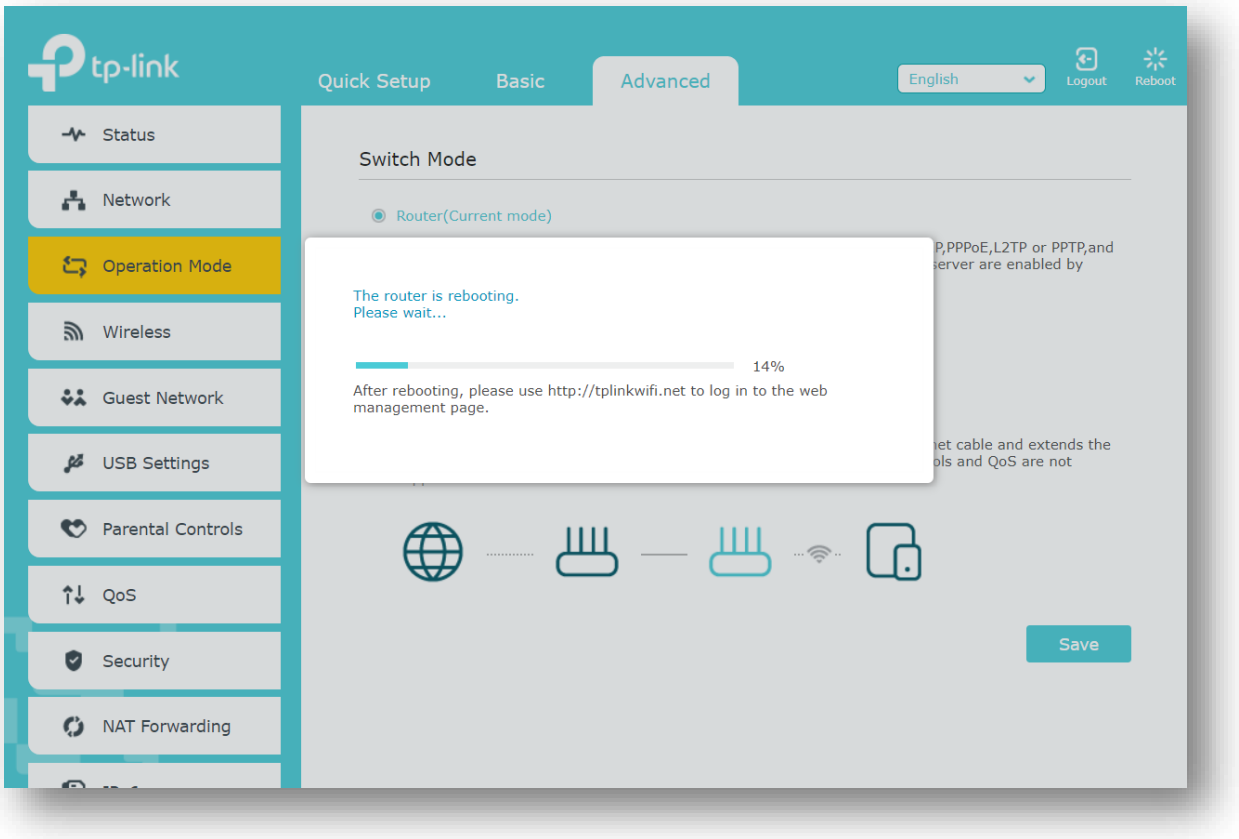
Go to Advanced>Operation Mode and change the mode of router to Access Point.

Click on save button to save the changes. Router will reboot after the changing the operation mode.

Note: Old firmware may not support Access Point mode. If you don't see this mode, please upgrade the firmware.


tp-link
Quick Setup
Basic
Advanced
English
Logout
Reboot
Status
Network
Operation Mode
Wireless
Guest Network
USB Settings
Parental Controls
QoS
Security
NAT Forwarding
Switch Mode
Router(Current mode)
In this mode,your router connects to internet directly via Dynamic IP,Static IP,PPPoE,L2TP or PPTP,and shares internet access to multiple wired or wireless devices. NAT and DHCP server are enabled by default.
Access Point
In this mode,your router connects to a wired or wireless router via an Ethernet cable and extends the wireless coverage of your existing network.Functions like NAT,Parental Controls and QoS are not supported in this mode.
Save


tp-link
Quick Setup
Basic
Advanced
English
Logout
Reboot
Status
Network
Operation Mode
Wireless
Guest Network
USB Settings
Parental Controls
QoS
Security
NAT Forwarding
Switch Mode
Router(Current mode)
Switching mode will reboot the router. Do you want to continue?
No
Yes
Save

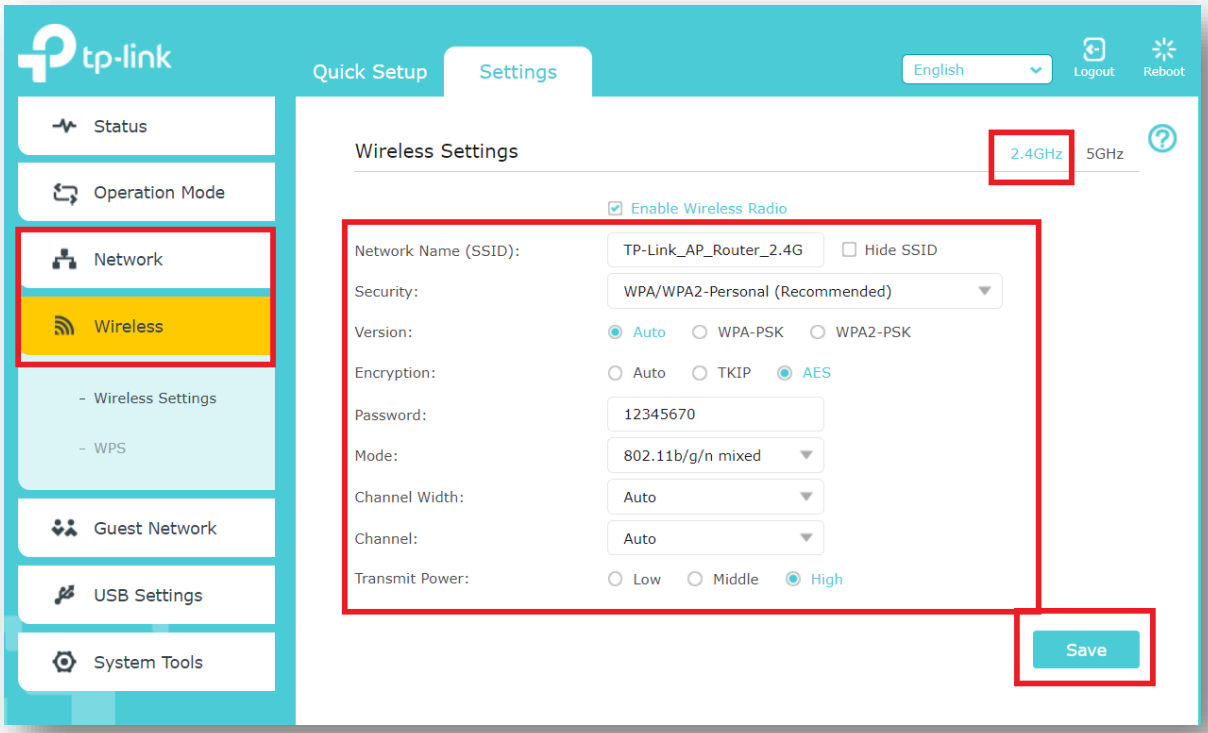


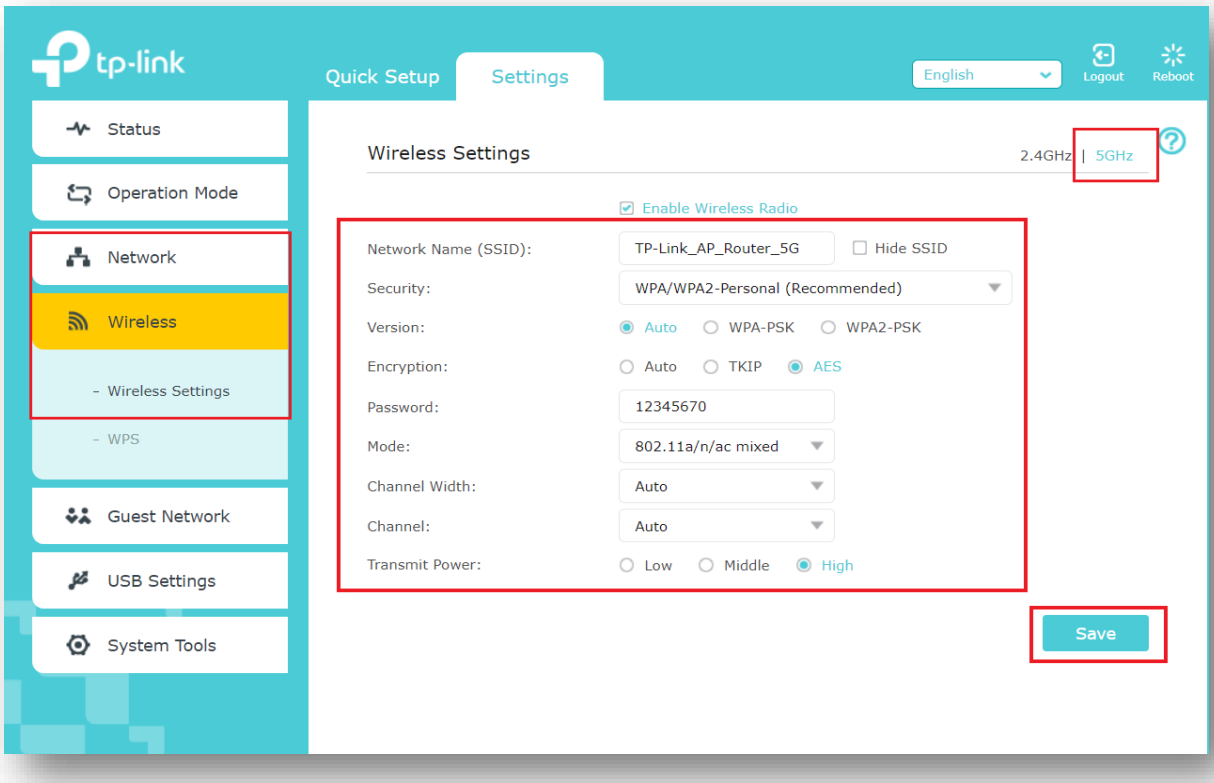
Step 3:

Login router again by accessing http://tplinkwifi.net/ .Go to Setting>Network>Wireless>Wireless Settings and set the SSID (Network name) for 2.4GHz band which can be the same or different from the main router's.

Set the security type to "WPA/WPA2-Personal (Recommended) "as the most secure option. Wi-Fi encryption is to be set to AES as default. In case of legacy devices and issues regarding connectivity please change encryption type to "Auto". Set the security key of your Wi-Fi. Select Save.

Repeat the whole process for 5GHz band as well.


tp-link
Quick Setup
Settings
English
Logout
Reboot
Status
Operation Mode
Network
Wireless
- Wireless Settings
- WPS
Guest Network
USB Settings
System Tools
Wireless Settings
2.4GHz
5GHz
Enable Wireless Radio
Network Name (SSID):
TP-Link_AP_Router_2.4G
Hide SSID
Security:
WPA/WPA2-Personal (Recommended)
Version:
Auto
WPA-PSK
WPA2-PSK
Encryption:
Auto
TKIP
AES
Password:
12345670
Mode:
802.11b/g/n mixed
Channel Width:
Auto
Channel:
Auto
Transmit Power:
Low
Middle
High
Save


tp-link
Quick Setup
Settings
English
Logout
Reboot
Status
Operation Mode
Network
Wireless
- Wireless Settings
- WPS
Guest Network
USB Settings
System Tools
Wireless Settings
2.4GHz | 5GHz
Enable Wireless Radio
Network Name (SSID):
TP-Link_AP_Router_5G
Hide SSID
Security:
WPA/WPA2-Personal (Recommended)
Version:
Auto
WPA-PSK
WPA2-PSK
Encryption:
Auto
TKIP
AES
Password:
12345670
Mode:
802.11a/n/ac mixed
Channel Width:
Auto
Channel:
Auto
Transmit Power:
Low
Middle
High
Save

Step 4:

Use an Ethernet cable to connect the Huawei ONT (main router) to your TP-Link router through their LAN ports (any LAN ports may be used). All other LAN ports on your TP-Link router will now grant devices Internet access. Alternatively, any Wi-Fi device can now access the Internet through your TP-Link router by using the SSID and Password set up in the above steps.