

Configuring a Tenda N300 Router 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(1-3) 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

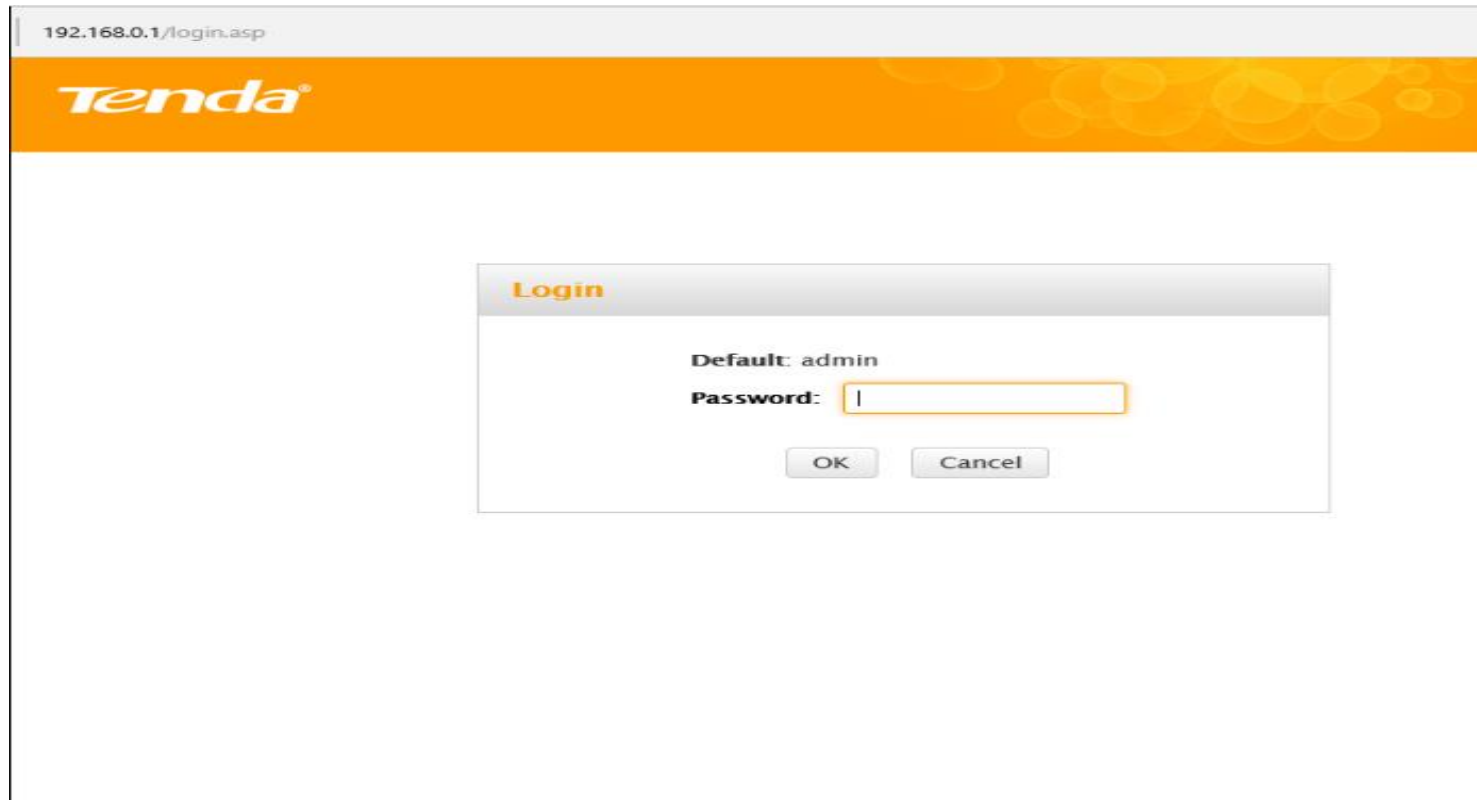
- Open a browser -> Enter the below IP Address in the Address Bar. A login page appears. The usual usernames and passwords are given in the table below.

Router Name	IP Address	User Name	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
Netgear	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 : OK with credentials



192.168.0.1/login.asp

Tenda

Login

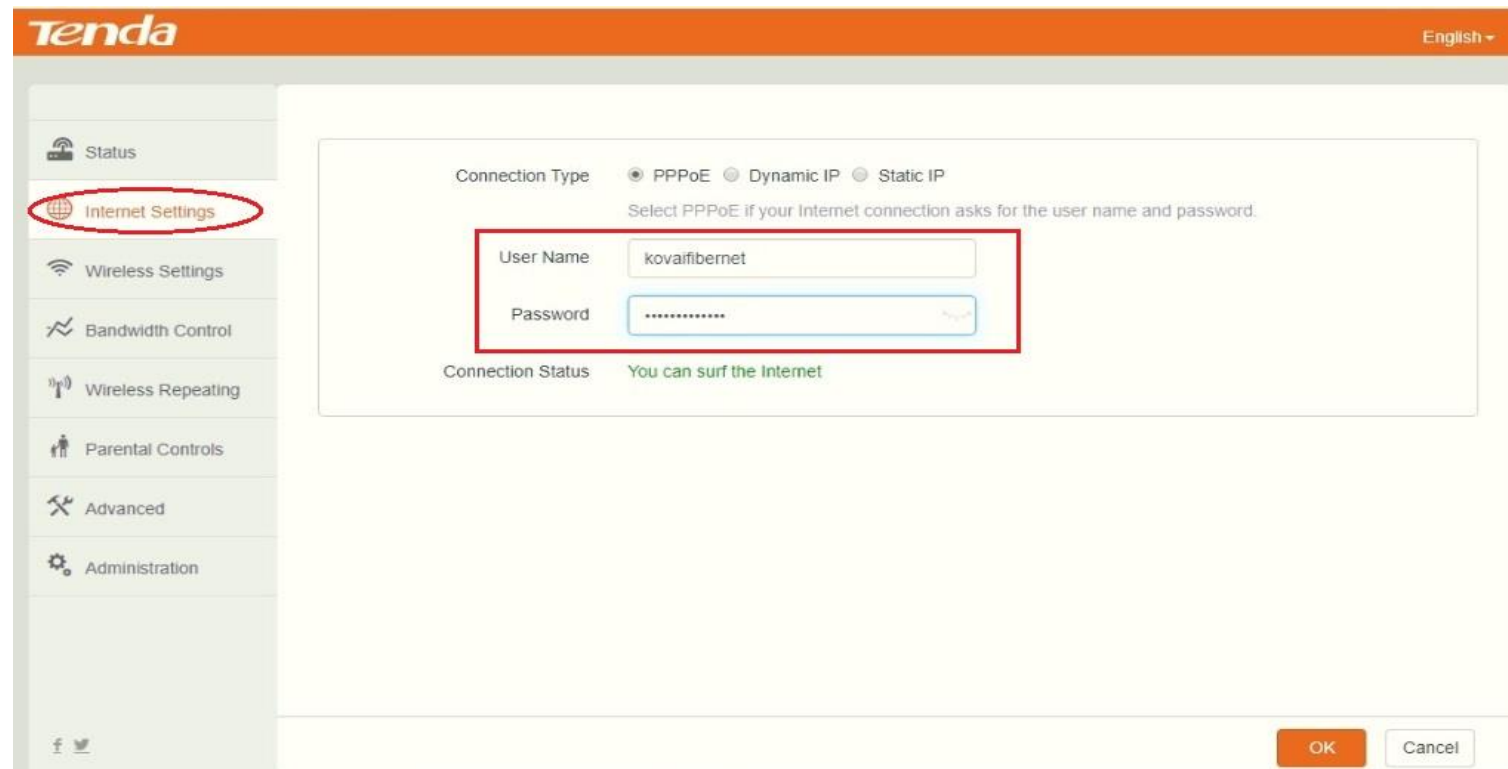
Default: admin

Password:

OK Cancel

STEP3(b): Internet Connectivity – PPPoE Configuration

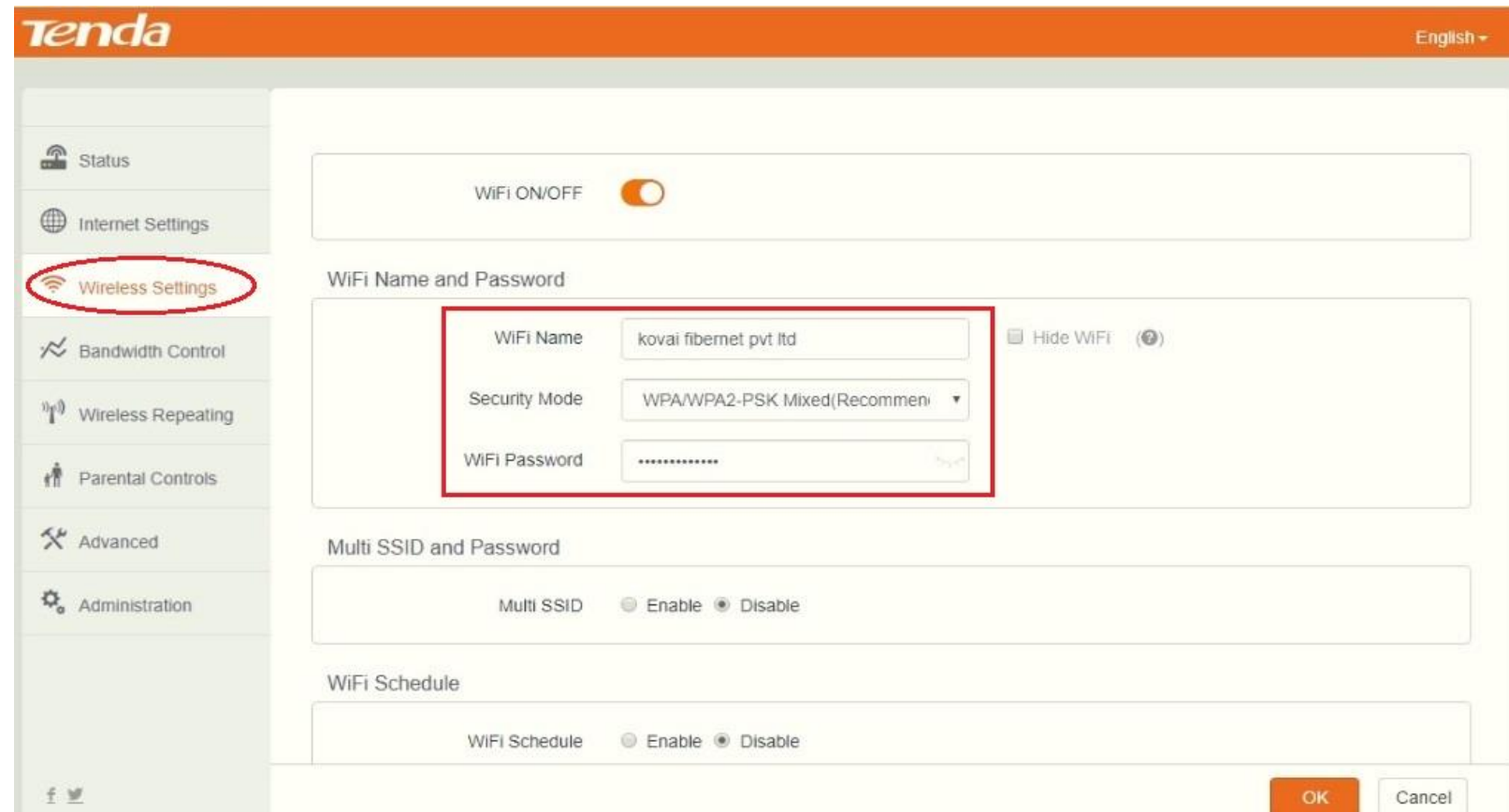
- Step 1: Enter the portal username in the PPPoE username field
- Step 2: Enter the portal password in the PPPoE password
- Step 3: Click on OK
- By Default Username & Password is same.



The screenshot displays the Tenda router's web management interface. The left sidebar contains navigation options: Status, Internet Settings (highlighted with a red oval), Wireless Settings, Bandwidth Control, Wireless Repeating, Parental Controls, Advanced, and Administration. The main content area shows the 'Internet Settings' configuration page. Under 'Connection Type', the 'PPPoE' radio button is selected. Below this, a note states: 'Select PPPoE if your Internet connection asks for the user name and password.' The 'User Name' field is populated with 'kovaifibernet', and the 'Password' field contains a masked password. A red box highlights these two input fields. At the bottom of the configuration area, the 'Connection Status' is indicated as 'You can surf the Internet'. The page footer includes 'OK' and 'Cancel' buttons.

STEP4: Wi-Fi Connectivity – Router Wi-Fi name/Password Configuration

- Step 1: Type in your preferred Wi-Fi name (Network name dialog box).
- Step 2: Click on security mode dialog box and select WPA/WPA2–PSK Mixed(Recommended).
- Step 3: Type in your preferred Wi-Fi password.
- Step 3: click on OK.



The screenshot shows the Tenda router's web interface for configuring wireless settings. The left sidebar contains navigation options: Status, Internet Settings, **Wireless Settings** (highlighted with a red circle), Bandwidth Control, Wireless Repeating, Parental Controls, Advanced, and Administration. The main content area is titled 'WiFi ON/OFF' with a toggle switch turned on. Below this is the 'WiFi Name and Password' section, which is highlighted with a red box. It contains three input fields: 'WiFi Name' with the value 'kovai fibernet pvt ltd', 'Security Mode' with a dropdown menu set to 'WPA/WPA2-PSK Mixed(Recommended)', and 'WiFi Password' with masked characters. To the right of these fields is a 'Hide WiFi' checkbox. Below the 'WiFi Name and Password' section is the 'Multi SSID and Password' section with a 'Multi SSID' toggle set to 'Disable'. At the bottom is the 'WiFi Schedule' section with a 'WiFi Schedule' toggle set to 'Disable'. The page footer includes social media icons and 'OK' and 'Cancel' buttons.

STEP5: Internet Connectivity – PPPoE Service Name

- Step 1: Click Administration Option.
- Step 2: Enter the Service Name.
- Step 3: Click on OK.

The screenshot displays the Tenda router's web interface. The left sidebar contains navigation options: Status, Internet Settings, Wireless Settings, Bandwidth Control, Wireless Repeating, Parental Controls, Advanced, and Administration. The Administration option is circled in red. The main content area is titled 'WAN Parameters' and includes the following fields:

- Server Name:** Default (dropdown), with a note: 'Do not change if unnecessary.'
- Service Name:** Manual (dropdown) and kfn (text input). This row is highlighted with a red border.
- MTU:** 1480 (dropdown), with a note: 'Current MTU: 1480 Do not change if unnecessary.'
- Clone MAC:** Restore Factory MAC (dropdown), with a note: 'Factory MAC: 04:95:E6:CE:B6:10'
- WAN Speed:** Auto (dropdown), with a note: 'Current Speed: 100M Full Duplex'

At the bottom right, there are 'OK' and 'Cancel' buttons.

STEP6 : REBOOT

- After done the configuration.
- Go to Administration -> Reboot the router.

The screenshot displays the 'Date & Time' and 'Device Management' sections of a router's configuration page. The 'Date & Time' section shows the time zone set to '(GMT+05:30)Chennai, Kolkata, Mumbai, New Delhi' and the current time as '2020-04-02 20:19:22'. The 'Device Management' section contains several buttons: 'Reboot Router' (highlighted with a red box), 'Reset', 'Backup', 'Restore', 'Export', and 'Browse...'. Below these buttons, there is a checkbox for 'Sys Auto Maintenance' which is checked and labeled 'Enable'. A note at the bottom of this section states: 'During 03:00~05:00 (a.m.) each day,if no one is using the router, the router will auto-reboot.' At the bottom right of the page, there are 'OK' and 'Cancel' buttons.

Function	Action
Reboot Router	Reboot
Reset to Factory Defaults	Reset
Backup a Configuration File	Backup
Restore a Configuration File	Restore
Export Syslog	Export
Firmware Upgrade	Browse...

Current Firmware Version: V12.01.01.45_multi

Enable

During 03:00~05:00 (a.m.) each day,if no one is using the router, the router will auto-reboot.

OK Cancel

STEP7 (As and when required): Firmware upgrade

- Administration > 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.

The screenshot displays the 'Date & Time' and 'Device Management' sections of a router's web interface. The 'Date & Time' section shows the Time Zone set to '(GMT+05:30)Chennai, Kolkata, Mumbai, New Delhi' and the Current Time as '2020-04-02 20:19:22'. The 'Device Management' section contains several buttons: 'Reboot Router' (Reboot), 'Reset to Factory Defaults' (Reset), 'Backup a Configuration File' (Backup), 'Restore a Configuration File' (Restore), 'Export Syslog' (Export), and 'Firmware Upgrade' (Browse...). The 'Firmware Upgrade' section is highlighted with a red box, showing the 'Browse...' button and the current firmware version 'V12.01.01.45_multi'. Below this, there is a 'Sys Auto Maintenance' section with a checked 'Enable' checkbox and a note: 'During 03:00~05:00 (a.m.) each day, if no one is using the router, the router will auto-reboot.' At the bottom right, there are 'OK' and 'Cancel' buttons.

Date & Time

Time Zone: (GMT+05:30)Chennai, Kolkata, Mumbai, New Delhi

Current Time: 2020-04-02 20:19:22. Current date and time has synced with the Internet.

Device Management

Reboot Router: Reboot

Reset to Factory Defaults: Reset

Backup a Configuration File: Backup

Restore a Configuration File: Restore

Export Syslog: Export

Firmware Upgrade: Browse... Current Firmware Version: V12.01.01.45_multi

Sys Auto Maintenance: Enable. During 03:00~05:00 (a.m.) each day, if no one is using the router, the router will auto-reboot.

OK Cancel