

# Ironwifi.com Hotspot Configuration on RutOS firmware

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## Summary

This chapter is a guide on configuring ironwifi.com provider **hotspot** instance on RUTX routers. This setup is also applicable to RUT series devices.

## Step 1: ironwifi.com configuration

### Login

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First, go to **console.ironwifi.com/login** and log into your account. If you don't have a registered account then you will need to create one - click **Open Account**.



### Sign Up

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After clicking **Open Account** you will be redirected to register page. Enter you account information and click **Submit**. To complete registration go to your email inbox.



## Set Up new radius server

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In the opened window click **Networks**.



Then - **New Network** and you will be prompted to create a new network.



Enter your desired network name can click **Create**.



### Network details

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Click on your **created network**.



You will be taken to a window where all detailed Radius server information will be displayed.



### Add Wifi Guest Accounts

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Open **Users** tab and create **New User** for your WiFi.



Type **Username** and click **Create User**.



Click on your user.



To set a password click on the **Password**.



All created users is displayed under **Users** tab.



## Step 2: Router configuration

If you're having trouble finding any page or some of the parameters described here on your device's

WebUI, you should turn on "**Advanced WebUI**" mode. You can do that by **clicking** the "**Basic**" button **under "Mode,"** which is located at the top-right corner of the WebUI.



## Creating wireless access point

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If you have already set up your wireless access point - skip this step.

- Login to your router's WebUI. You can do this by entering the router's LAN IP address (192.168.1.1 by default) into the URL field of your web browser.
- Go to the **Network → Wireless** page.
- **Click 'Add'** to create a new Wireless Access Point. Depending on your needs, choose a 2.4 GHz (1) or 5 GHz (2) Access Point.



Edit your new Access Point as below:

1. Check **Enable**;
2. Mode - **Access Point**;
3. ESSID - Your desired Extended Service Set Identifier name;
4. Network - Choose the network you want to attach to this wireless interface or fill out the create field to define a new network.



Navigate to **Wireless Security** tab and choose your

1. **Encryption method**
2. **Cipher**
3. **Password**



## Set up hotspot

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Navigate to **Services → Hotspot** and add a new Hotspot Instance. To do so, find the **Add New Instance** section and select your Wireless AP in the interface list, then press **Add**.



### Hotspot configuration

In the **General tab** do the following steps:

1. Check **Enable**;
2. Authentication mode - **Radius**.



Then go to **Radius** tab and enter the Radius server configuration details from ironwifi:

1. **RADIUS Servers** - 35.189.111.2, 35.189.127.125;
2. **Authentication port** - 22035;
3. **Accounting port** - 22036;
4. **NAS Identifier** - 22035;
5. **Radius secret key** - aG7ilh2QgAHR6exu;
6. **Save & Apply.**



## Test your Hotspot

Try connecting to your router using computer or mobile phone.

- Select the newly created hotspot;
- After successful connection visit any website and you will be redirected to hotspot login page.  
Type your username and password;
- Click **Login**;
- You should see a message **Authorization Successful**;



## See also

<https://www.ironwifi.com/>

[Ironwifi.com Hotspot Configuration on Legacy firmware](#)