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How to Change Your Wireless Router Settings

Ok, so you've used inSSIDer to select the best channel (<http://metageek.link/inssider-product-page>) for your WiFi network—awesome! The next step is to actually make the change in your router settings. All routers and access points are slightly different, but this guide will give you a general idea of the process.

Change Your Router Settings

1. Connect to your network wirelessly, or via ethernet.

Note: An ethernet cable works a bit better, because your router will disconnect you from the wireless network for a moment while it switches channels.

The Basics: Why is my WiFi so slow and how do I fix it?

- Why Channels 1, 6, and 11? (</training/resources/why-channels-1-6-11.html>)
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- Understanding RSSI (</training/resources/understanding-rssi.html>)
- New Router with DSL (</training/resources/use-router-with-dsl.html>)
- Change Router Settings (</training/resources/change-wireless-router-settings.html>)



([//metageek.link/inssider-product-page](http://metageek.link/inssider-product-page))

Need Help Picking The Best WiFi Channel?

Visualize Your WiFi Landscape with inSSIDer! ([//metageek.link/inssider-product-page](http://metageek.link/inssider-product-page))

Download Now! ([/support/downloads/download-inssider-win.html](http://support/downloads/download-inssider-win.html))

2. Find your router configuration page.

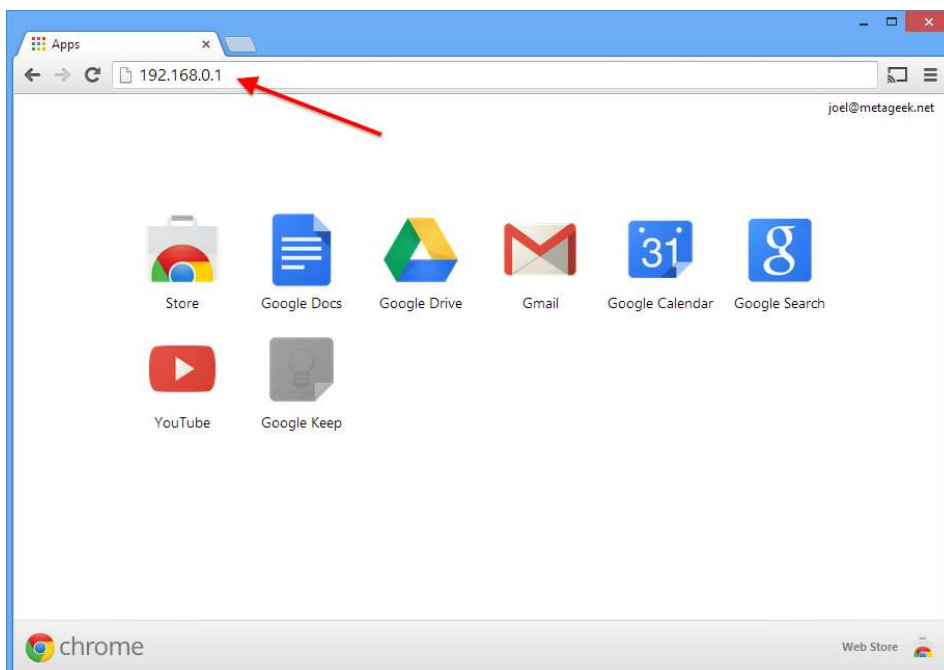
Access the router configuration page by typing the router's **IP address** in to the address bar, and pressing **enter**.

IP Address	Typical For
192.168.0.1	D-Link, Netgear, and others. Try this IP first.
192.168.1.1	Linksys, Belkin, TP-Link, and others
192.168.15.1	Clear/ClearWire
192.168.100.1	Virgin Media Superhub
192.168.1.254	TP-Link
10.0.1.1	This is pretty rare.

Note: Even though there are a few more possible addresses, it doesn't take long to see the pattern. Try changing the second to last number if none of those work.

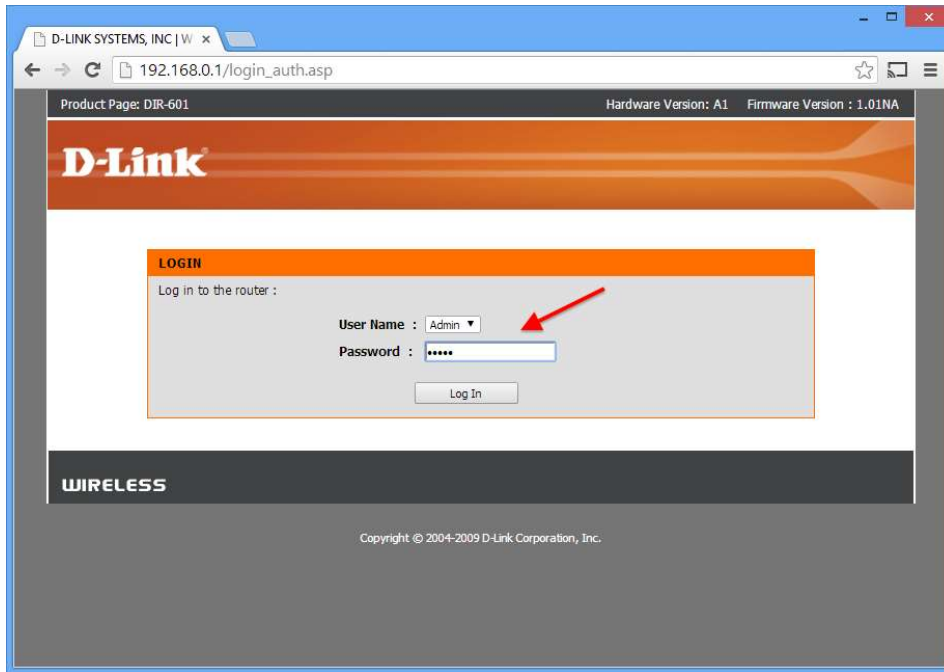
Wait a minute... what's an IP Address?

Glad you asked! Each router hosts a tiny webpage that you access to configure it. Just like a website has an address (such as www.metageek.com), your router has an address. Since it's a home WiFi router, it doesn't need a name reserved for it, so it's just a numerical address. Typing in the address in the address bar on your browser will take you to the configuration page for your router.



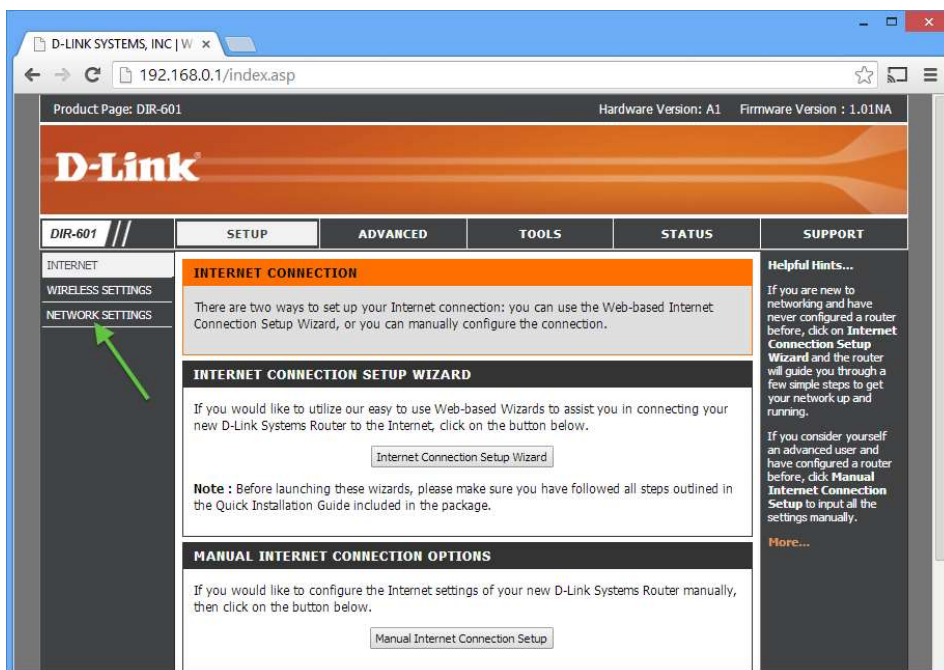
3. Log in with the username and password.

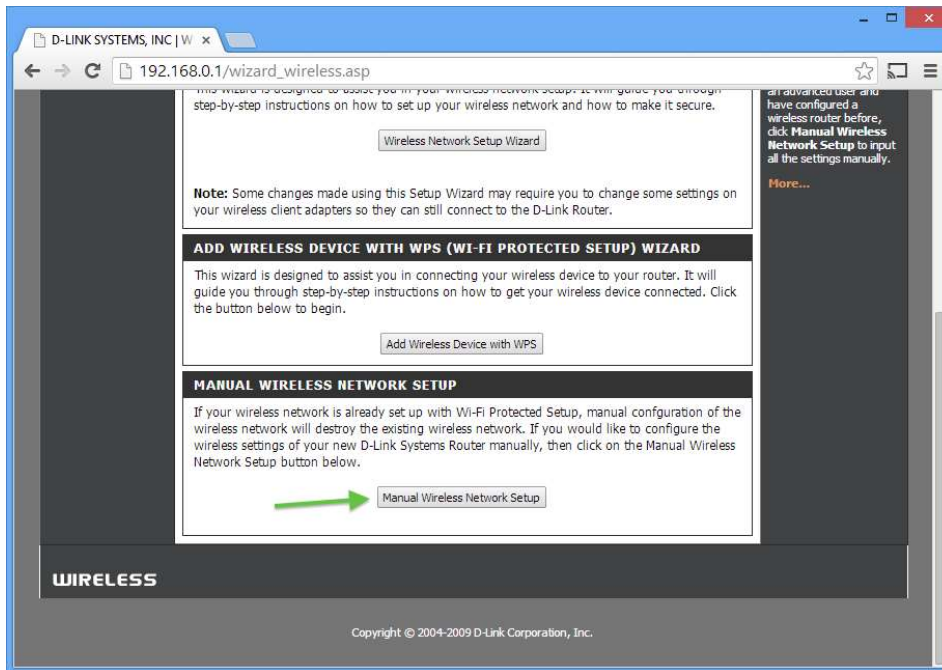
Most routers require a username and password. The username and password are usually any combination of **blank** and **admin**. If you can't figure it out, Google the model number of your router and "password" together.



4. Find the Wireless Settings page.

On the router that we used, the wireless settings page was easy to find. Usually, you can locate it along the top or the left side, but it depends on the router. In some cases, it's hidden in another menu.

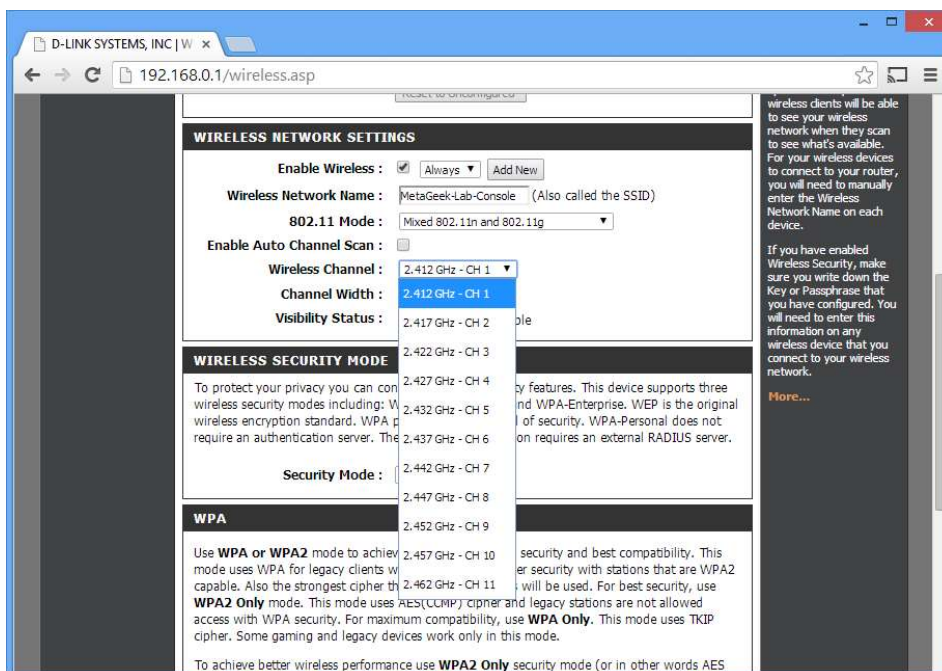




5. Set the new channel, usually with a dropdown menu.

1, 6, and 11 are the only three channels that don't overlap on the 2.4 GHz band, and while putting your WiFi network on the same channel as another network in the same band isn't ideal, but it is always a better idea to share a channel than to overlap.

This is also a really good time to make sure that you are using WPA2 for security, and 20 MHz channels only (not 40 MHz or "bonded" channels).



Click **Save Settings** or **Apply Settings** to save the changes.

6. Your router will now reboot.

If you are connected wirelessly, it might take a moment for the channel to switch and for your computer to reconnect. Restart inSSIDer to verify that the changes have been applied.

Troubleshooting

If you can't figure out a step, or if run into difficulty in general, there are a few things you can do to figure it out:

1. Google it! Seriously, Google is your friend. Always. Try Googling the model number of your router, followed by "setup" or "configuration". Instructions are always out there.
2. Try contacting your router's manufacturer for assistance.
3. Get help from other users in the MetaGeek Community (<https://community.metageek.com/>). If you have a question, you're probably not the only one!

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