

1. Introduction

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1. Why setup your own open source home network ?

Source: [Firewalla](#)

So how does the average internet user connect to its network at home ? Well they get a black box called a router, plug it in their outlet and they hope they see the Wifi name pop up on their phone. Then they fill in the Wifi password that's on the back of the device, maybe change the password and call it a day. Then this router will not be touched until they change ISP's

So what's wrong with this ? it works right for daily tasks ? why do we need to bother changing this lifestyle. Well in this section we will touch on that as brief as we can but the moral of the story is to move towards a collaborative interoperable digital future.

1. Wouldn't it be great if you buy one router that you actually own and don't rent from another ISP ?
2. A router that you can move to any other home, plug in the internet uplink and you are up and running again with your configuration.
3. A router that is not bound to your ISP, that is ISP agnostic ?
4. A router that provides you with a globally standardized way of configuration ? Not where each firmware is different with their own proprietary methods ?
5. A router that gives you a vast amount of extra functionality, which does so much more than only providing you access to the internet ?

Firewalla can help you:

1. [Know what devices you have](#)
2. [Check what your devices are doing](#)
3. [Understand your network](#)
4. [Scan for open ports and vulnerabilities](#)
5. [Review and manage alarms](#)

VPN Connection

2. Network Seperation

2. What to choose ?

Now, as with anything in life you can go all in to the max, go the minimum or go somewhere in between with how advanced, redundant, safe and reliable your network will be. Most often Home labbers choose for some middle ground ;) Now, everyone is used that the internet in one's home comes from one device called a router. Then you simply connect wireless to your device and you are connected and that's all.

But if you are reading this you want to help the world towards a global digital commons. In that sense you should replace your old ISP router with a more advanced