

3. Initial Local Configuration

Alright! So you have installed OPNSense on your machine of choice and now you want to configure it for its basic settings. At this moment no WAN is connected yet this will be done in the next chapter. The first thing we want to do is open the OPNSense WebGui in your web browser.

1. Take a laptop and connect an Ethernet cable from your laptop to the port your configured your LAN on.
2. Now, by default OPNSense creates a DHCP server on the LAN network i.e the 192.168.1.1/24 network.
3. Hence, if you plugin your laptop then your laptop should get an IP address on this network e.g 192.168.1.101. This can be confirmed in your network settings. If you don't get an IP address then your LAN port is configured on a different port. Don't worry, just try out all the different ports until you get an IP address. Later in the WebGui we can then adjust the LAN port to your preferred port.
4. So if you have an IP address on your laptop go to <http://192.168.1.1> which should open up the OPNSense WebGui
5. Assuming you have not changed the password in your installation process you can login with

```
username: root
password: opnsense
```

6. Once logged in you will be prompted with the configuration wizard. You could go through this, but I prefer to abort it and setup everything manually (Especially for static WAN IP addresses, and if ports are not yet correctly configured). In this way you also directly learn where all the options are located. Hence, click on Abort
7. Then the first thing I like to do is to go to Interfaces > Assignments where you can assign the right LAN and WAN port. We will focus first on the **LAN** port hence you can delete the WAN port for now as we will add it later.

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root@OPNsense.internal

Q

Lobby

Reporting

System

Interfaces

[LAN]

[WAN]

Assignments

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Overview

Settings

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Interfaces: Assignments

Interface	Identifier ⓘ	Device	
[LAN]	lan	ix0 (c8:1f:be:19:4d:31)	
[WAN]	wan	ix1 (c8:1f:be:19:4d:32)	

Save

+ Assign a new interface

Device

ix2 (ac:61:75:ae:36:ca)

Description

Add

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8. Now, if you want to switch your LAN physical port you can do that here by simply clicking on the Device drop down menu behind the LAN connection. Choose the right interface and hit save and apply. If that's done you can then now switch the cable to the right physical port and reconnect to the WebGui.

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