

Give your Raspberry Pi a fixed IP address

Having a fixed (or static) IP address on your Raspberry Pi, for forwarding and [bad you](#) article) Access might [ownCloud](#)

You can give your Raspberry Pi a fixed IP address by editing the network interfaces file.

But first, we are making a backup of the old configuration!

```
$ sudo cp /etc/network/interfaces /etc/network/interfaces.bak
```

Next thing is, editing the network interfaces file:

```
$ sudo nano /etc/network/interfaces
```

Although the IP address you want to use might be different, make your `/etc/network/interfaces` look like t

```
auto eth0                # The loopback interface
```

```
iface eth0 inet static    # Tells your Raspberry Pi to use a static IP address
```

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```
address 192.168.2.25      # Defines the static ip address
gateway 192.168.2.1      # Defines the gateway to use (choose the IP address of your modem)
netmask 255.255.255.0    # Defines the subnet mask
```

```
network 192.168.2.0      # Defines the network family
broadcast 192.168.2.255  # Defines the network family
```

You can save the adjustments you made to your `/etc/network/interfaces` file by pressing

Press **ctrl x** to exit

After saving your new settings, you need to activate them by restarting your network components:

```
$ sudo /etc/init.d/networking restart
```

Suggestions for improving this article are welcome, please let me know and [copy me a link](#)