



# Anonymizing virtual machines with Whonix

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Anonymitylinux

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## Introduction

- Whonix is security-focused Linux distribution. It uses **enforced** Tor connection. Whonix is distributed in two virtual machines: “Whonix Gateway” and “Whonix Workstation”.

In this topic, we will use only “Whonix Gateway”.

Whonix can also anonymize other virtual machines by changing ther network adapter to Whonix internal network.

## Setting up Whonix

First thing is to install Whonix Gateway.

**NOTE:** If you use whonix in other purposes, install Whonix Workstation too).

Here is full instruction on how to download and import it to Virtual Box: <https://www.whonix.org/wiki/VirtualBox/XFCE> 43

After you set up Whonix Gateway, go to Whonix Virtualbox Settings > Network:

- Adapter 1 needs to be set to *NAT*
- Adapter 2 should be Attached to *Internal Network*, name Whonix.

Also, I recommend you, before you start Whonix Gateway, go to Whonix Virtual Box Settings and set *Base Memory* as low as you can so it won't reduce performance of other machines.

After setting up Whonix Gateway, open it up and go to Applications and find **Anon Connection Wizzard**. Choose *Connect* and leave everything on default. Leave Whonix Gateway open.

## Setting up network on Virtual Machine

Now, go to settings of your Virtual Machine that you will use and change it's network settings:

- Adapter 1 attached to *Internal Network*, name Whonix.

Open up your Virtual Machine and go to it's Network and sharing center (*Windows*) or Wired Connection setting (*Kali Linux*).

### On Kali Linux:

Go to **Wired Connection 1 Settings** (Click on gear wheel) and click on **IPv4 tab**. Choose manual and fill settings like this:

#### Addresses

**Address** - 10.152.152.3 ;

**Netmask** - 255.255.192.0 ;

**Default gateway** -10.152.152.10

#### DNS

10.152.152.10

### On Windows 7:

Go to *Network and sharing center*, Change adapter settings, Right click on adapter > Properties , IPv4 Properties, click on *Use following IP address*, fill in same as in Kali Linux.

## Conclusion

There you go. Now you have your working Kali LInux with Whonix network.

I hope this was helpful and that it's valuable. If you have any other opinions on this method and if there is something that I missed or did that could be better, feel free to tell it.

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