Onionr User Guide

This guide covers using Onionr as a typical user, it does not address running it as a 24/7 node. This guide assumes you know basic Linux terminal usage.

Install dependencies

Onionr is currently only tested on Debian, Ubuntu and Fedora, but Arch and others should work well. Mac and BSD will probably also work. There has been luck with WSL Ubuntu on Windows 10.

Clone the repo using git: $ git clone https://git.voidnet.tech/kev/onionr (alt is gitlab.com/beardog/onionr)

You need Python, at least version 3.7 and currently if you want to access things shared on Onionr over the Internet, you need Tor installed (the binary/package, not the browser) . Some Tor versions are not well tested, so it is best to stick to a recent version. You will also probably need build-essentials and possibly python-dev. I recommend making a Python virtualenv to run Onionr from.

Install the Python modules using $ pip install -r requirements.txt

Start Onionr

$ ./onionr.sh start &

This will start Onionr. Onionr will automatically start Tor and use it to connect to the network.

$ ./onionr.sh openhome

This will open your browser to the Onionr UI, which requires JS but runs entirely from localhost.

Please note the unusual 127.x.x.x and random port, which will change on each run to prevent certain browser side-channel attacks. This can be disabled from config

On first run, you will be presented with an onboarding process that will happen one time. This configures Onionr according to your preferences and threat model.

Use Onionr

Currently, the four things you can do from the UI are Circles, Mail, static page browsing. The UI should be fairly intuitive, except for user IDs.

By default, Onionr generates your ID (a public-private key pair), which can be seen on the main UI screen and copied. You can share this to your friends (copy paste), where they can add you to an

address book on the Friends screen. If they do this, the name they set for you will take the place of your key in most places.

This ID is what you use to send mail to and represents signed posts on Circles.

Contribute Code or Report Bugs

You can report bugs or make merge requests at the Gitlab or email info/patches to beardog@mailbox.org