

# Tor Project

## A Pi a day, keeps censorship away

You would like to support human rights? Then please follow the how-to.

**Note:** We assume you have a new working [Arch Linux](#) running on your [RaspberryPi](#).

## Installation

First we have to install all the packages which are needed & useful to us.

```
<sxh bash;> root@pi# pacman -Syyu root@pi# pacman -S base-devel vim tor ntp tor vnstat sudo
</sxh>
```

After that we should create us an own user account with sudo privileges.

```
<sxh bash;> root@pi# useradd -m -s /bin/bash YOUR_USERNAME root@pi# vimsudo /etc/sudoers ...
</sxh>
```

Now, we install yaourt in order to fetch and install packages from the AUR.

```
<sxh bash;> root@pi# su YOUR_USERNAME root@pi# wget
https://aur.archlinux.org/packages/ya/yaourt/yaourt.tar.gz root@pi# tar xfv yaourt.tar.gz root@pi# cd
yaourt root@pi# makepkg -si root@pi# cd ~/ root@pi# rm -r yaourt* root@pi# yaourt -Syua
root@pi# yaourt -S arm </sxh>
```

After this, we finally attack the most important part: Tor configuration.

```
<sxh bash;> root@pi# cd /etc/tor/ root@pi# mv torrc torrc.original root@pi# vim torrc ... </sxh>
```

In order to integrate tor into systemd, we need to write a -n own service file, which ensures fast, easy usage and the guarantee that at every boot tor will be started along.

```
<sxh bash;> root@pi# cd /etc/systemd/system root@pi# vim tor.service ... root@pi# vim ntp-
once.service ... </sxh>
```

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