

Want Tor on a Router? For fun and profit? Well here we go!

Hardware

We need the following:

- Raspberry Pi (Modell B, REV1 or REV2) ~40€
- Transcend Extreme-Speed SDHC 16GB SDCARD ~12€
- Micro-USB 5V 1500mA Power Supply ~4€
- LAN Cable ~1€
- TP-Link TL-WN722N Wireless adapter ~12€
- D-Link DUB-H4 USB HUB ~18€

Makes a total of ~87€ for a rady-to-go Tor Hotspot. (amazon prices!)

Setup

Prepare the SDCard with the latest version of Raspbian.

```
wget -O /tmp/raspbian.img http://downloads.raspberrypi.org/raspbian\_latest  
dd if=/tmp/raspbian.img of=/dev/<YOUR SDCARD> bs=4M
```



- Plug the SDCard into the Pi
- Connect it with the LAN cable to your router/switch
- Connect the Pi with an HDMI cable to a monitor
- Connect the USB Hub to the Pi.
- On the HUB, connect an USB Keyboard and the Wireless adapter.
- Connect the USB Hub and the Pi to their power supplies and fire it all up.

Config

When raspi-config opens, tell it to expand the filesystem to the full size of your SDCard.
Next, go and enable the SSH daemon. Now you can change the hostname to something like "TorRouter".

From:
<https://wiki.c3l.lu/> - **Chaos Computer Club Lëtzebuerg**

Permanent link:
https://wiki.c3l.lu/doku.php?id=projects:tor_hostspot&rev=1383059493

Last update: **2015/07/15 21:54**

