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Thread: [Host your own \[- HIDDEN SERVICE - \] on your RASPBERRY PI!](#)

slober - December 18, 2016, 10:01 am

Host your own [- HIDDEN SERVICE -] on your RASPBERRY PI!

I just saw a question from a user in the networking section on how he should keep his anonymity so here it is my answer for you ?

Some information about tor:

<https://www.torproject.org/about/overview.html.en>

Some information about hidden services:

<https://www.torproject.org/docs/hidden-services.html.en>

Install tor

Code `sudo apt-get install tor`

File with tor configuration

Code `sudo nano /etc/tor/torrc`

Add or uncomment these lines!

Lines that will enable your hidden service

Code `HiddenServiceDir /var/lib/tor/hidden_service/`

`HiddenServicePort 80 127.0.0.1:80`

This service would enable HTTP as a service if you want to promote another Hidden service (Ex. SSH)

Code `HiddenServicePort 22 127.0.0.1:22` When you configured all your services you want to use you can initiate TOR.

Start tor

Code `sudo service tor start`

The next steps require root permission!

Gives you root.

Code `sudo -s`

Navigate to the directory that contains your private key and your hostname.

Code `cd /var/lib/tor/hidden_service`

Code `root@raspberrypi:/var/lib/tor/hidden_service# ls -l`

total 8

`-rw----- 1 debian-tor debian-tor 23 Dec 18 10:35 hostname`

`-rw----- 1 debian-tor debian-tor 891 Dec 18 10:35 private_key`

This file contains your Hostname for the service

Code `cat hostname`

Ex output.

Code `rplkaajufbvzazi.onion`

Your service should now work!

Not Your Average Orange - December 18, 2016, 11:07 am

Nice thread, haven't tried it yet. My suggestion would be to briefly explain what this will do and stuff, for the people that don't know. Again, nice thread.

whoteoxman - December 22, 2016, 5:00 am

i'll give it a go, i'd prefer to have a new ass rpi but mine's only a version 2? not that powerful ;_
maybe a small chat server or something to call my own would be neat :) thanks for the inspiration either way OP

????Kosdff - December 22, 2016, 5:10 am

Posting to come back later, nice thread I was actually looking into this :p

GodlessOlympian - December 24, 2016, 6:32 pm

This is a cool topic seeing it as I picked up a Raspberry Pi 3 and an Arduino. I'm wondering what I should do with them. I'm not familiar with linux/debian/ubuntu at all. I've been a Windows user since Windows 95. With the Pi I was wondering if I could open a dn market address or onion address. Heck, I really want to learn more about how to have an onion address/website. Looks cool!
Anyway, great share on how to execute some code in the terminal.