

This install guide is based on a fresh install of Ubuntu 16.04.1 x64

1. Install Chrome: <https://www.google.com/chrome/>
2. Install Docker:
  - a. Use steps outlined here:  
<https://docs.docker.com/engine/installation/linux/ubuntu/linux/>
3. Grab Docker containers for Tor & Privoxy and set them to run at startup
  - a. `sudo docker run -d --restart always -v /etc/localtime:/etc/localtime:ro -p 9050:9050 --name torproxy jess/tor-proxy`
  - b. `sudo docker run -d --restart always -v /etc/localtime:/etc/localtime:ro --link torproxy:torproxy -p 8118:8118 --name privoxy jess/privoxy`
4. Verify both containers are running and ports are open:
  - a. `sudo docker ps`

```
$ sudo docker ps
CONTAINER ID        IMAGE               COMMAND                  CREATED            STATUS              PORTS               NAMES
cade755b0929      jess/privoxy       "privoxy --no-daemon "  4 minutes ago     Up 57 seconds      0.0.0.0:8118->8118/tcp   privoxy
54534a3bfe01      jess/tor-proxy     "tor -f /etc/tor/torr"  5 minutes ago     Up 57 seconds      0.0.0.0:9050->9050/tcp   torproxy
```

- b. `sudo netstat -ano | grep "8118\|9050"`

```
$ sudo netstat -ano | grep "8118\|9050"
tcp6      0      0 :::8118          :::*              LISTEN        off (0.00/0/0)
tcp6      0      0 :::9050          :::*              LISTEN        off (0.00/0/0)
```

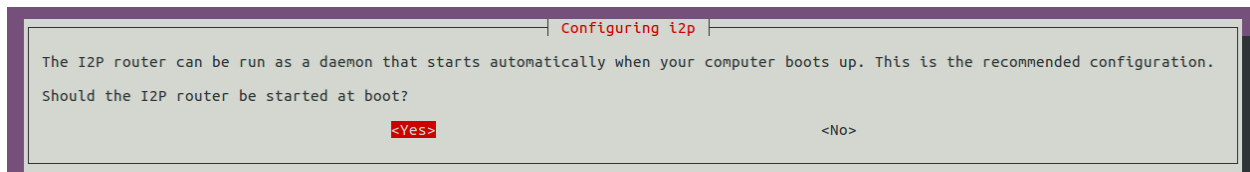
5. Install i2p
  - a. The PPA includes a Java version that doesn't support all the security features
  - b. Install Java 8 first
    - i. `sudo add-apt-repository ppa:webupd8team/java`
    - ii. `sudo apt-get update`
    - iii. `sudo apt-get install oracle-java8-installer`
      1. Accept the License Terms
  - c. Follow instructions here: <https://geti2p.net/en/download/debian#ubuntu>
6. Make sure everything works
  - a. `i2prouter start`



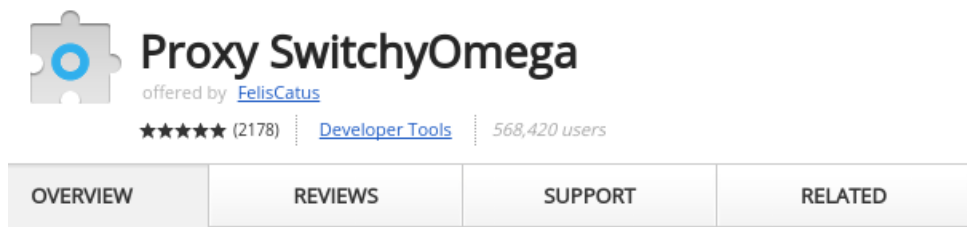
7. Make sure all ports are up
  - a. `sudo netstat -anlo | grep "7657\|4444\|6668\|4445"`

```
$ sudo netstat -anlo | grep "7657\|4444\|6668\|4445"
tcp6      0      0 127.0.0.1:7657      :::*           LISTEN     off (0.00/0/0)
tcp6      0      0 :::7657            :::*           LISTEN     off (0.00/0/0)
tcp6      0      0 127.0.0.1:6668      :::*           LISTEN     off (0.00/0/0)
tcp6      0      0 127.0.0.1:4444      :::*           LISTEN     off (0.00/0/0)
tcp6      0      0 127.0.0.1:4445      :::*           LISTEN     off (0.00/0/0)
```

8. Set it to run at startup
  - a. `sudo dpkg-reconfigure i2p`




- b. Use all of the default options
9. Install Proxy Switchy Omega
  - a. <https://chrome.google.com/webstore/detail/proxy-switchyomega/padekgcemlokbadohgkifijomclgjgif?hl=en>



10. After the install completes, you will be brought to the main interface (skip the guide)
11. Delete all of the default profiles

12. Click “New Profile”

#### SETTINGS

 Interface

 General


 Import/Export


#### PROFILES

 auto switch

 New profile...

#### ACTIONS



 Apply changes

 Discard changes

13. Name it Privoxy and make it a Proxy Profile

14. Populate the configuration as follows:

## Proxy servers

Scheme	Protocol	Server	Port	
(default)	HTTP ▾	localhost	8118  ▾	
 Show Advanced				

15. Apply changes

16. Create another profile named I2P

## New Profile

### Profile name

### Please select the type of the profile:

Proxy Profile

Tunneling traffic through proxy servers.

17. Populate the configuration as follows:

## Proxy servers

Scheme	Protocol	Server	Port
(default)	HTTP ▼	localhost	4444
http://	(use default) ▼	localhost	4444
https://	HTTPS ▼	localhost	4445

18. You should now have the following profiles:

### SETTINGS

[Interface](#)

[General](#)

[Import/Export](#)

### PROFILES

[I2P](#)

[Privoxy](#)

[auto switch](#)

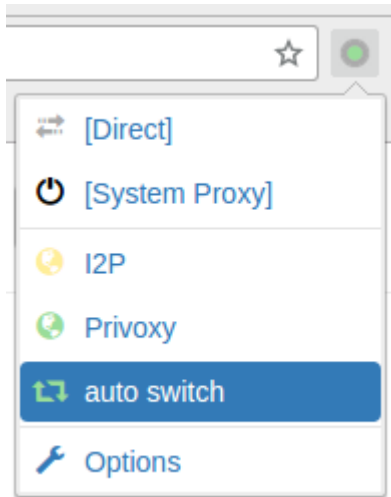
[+ New profile...](#)

19. Select the auto switch profile
20. Make your switch rules look like this:

Switch rules Edit source code

Sort	Condition Type	Condition Details	Profile	Actions
↑↓	Host wildcard	*.onion	Privoxy	
↑↓	Host wildcard	*.i2p	I2P	
<span>+ Add condition</span>				
Default			[Direct]	

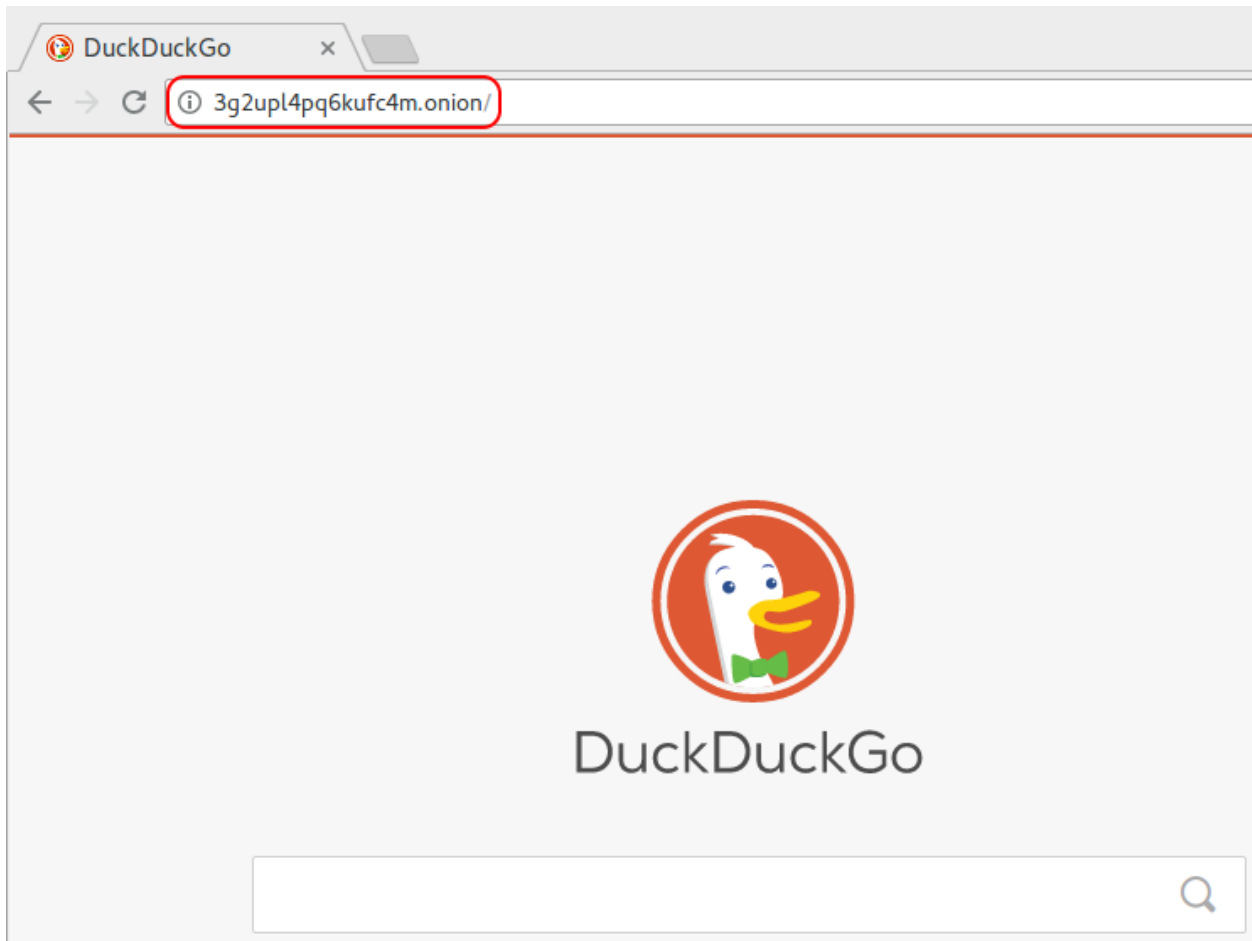
21. Apply changes
22. Click the extension and change it to use the auto switch profile



23. Test it out!
  - a. i2p: <http://i2p-projekt.i2p/en/faq>

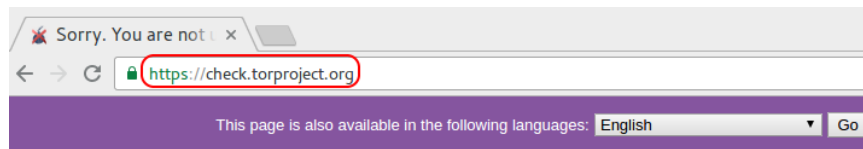


b. tor: <http://3g2upl4pq6kufc4m.onion/>



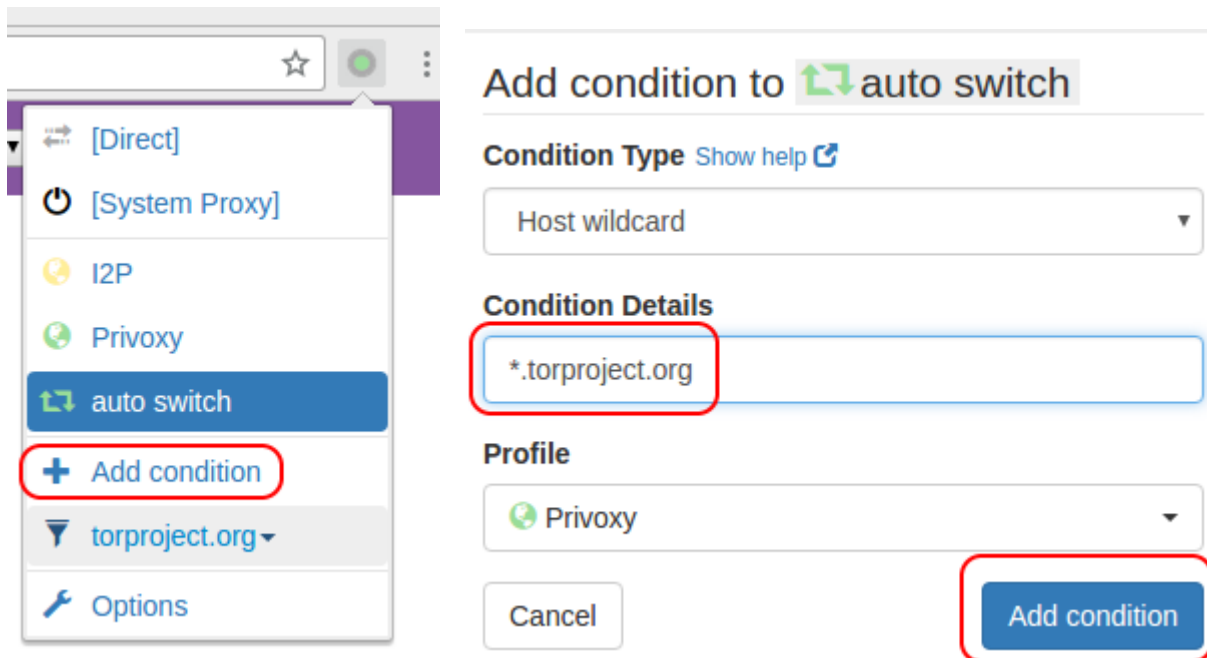
24. You can also use the extension to do on-the-fly modifications to the auto-switch profile

a. Example: <https://check.torproject.org>



**Sorry. You are not using Tor.**

b. Add condition



c. Once you add the condition, attempt to reload the page

