

In addition to the Cuckoo setup instructions, Hatching.io has a good blog:

<https://hatching.io/blog/cuckoo-sandbox-setup/>

<https://cuckoo.sh/docs/index.html>

Followed this guide to setup python virtualenv:

<https://askubuntu.com/questions/244641/how-to-set-up-and-use-a-virtual-python-environment-in-ubuntu>

Make sure to follow all of the requirements before installing:

<https://cuckoo.sh/docs/installation/host/requirements.html>

- I also installed clang: `sudo apt install clang`

Install Suricata from PPA

<https://suricata.readthedocs.io/en/suricata-5.0.2/install.html>

Change permissions for suricata-update

<https://suricata-update.readthedocs.io/en/latest/quickstart.html#directories-and-permissions>

Search-Abuse python script

<https://github.com/jstrosch/search-abuse.ch>

Submit to cuckoo via command-line:

```
cuckoo submit --timeout 200 --unique -o route=tor --machine win7x64ent_office  
<PATH_TO_MALWARE>
```

Copy suricatasc into virtualenv:

```
cd MY_VIRTUAL_ENV/lib/python2.7/site-packages  
cp -a /usr/lib/python3.6/site-packages/suricatasc .  
cp -a /usr/lib/python3.6/site-packages/suricata .
```

Command to run suricata in socket mode:

```
sudo suricata -c /etc/suricata/suricata.yml -k none --runmode=autofp --user=cuckoo  
--unix-socket -vvv
```