Netflower: Analyse a network interface and show live bandwidth usage for every IP

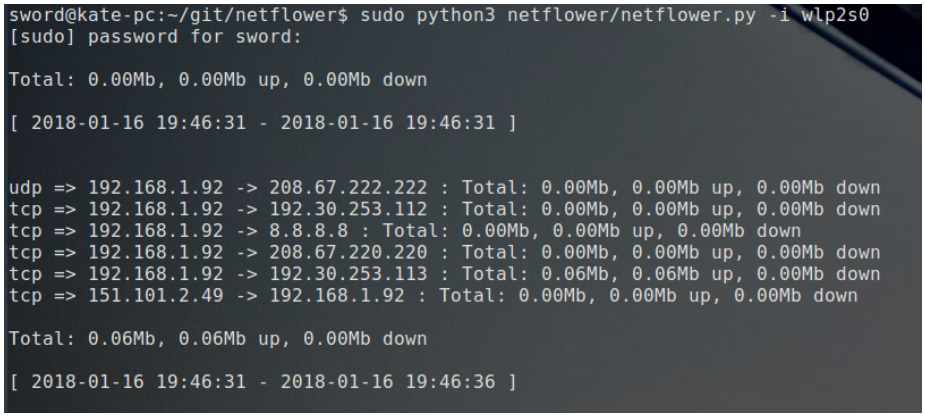

Figure 1: Demo

Features

- Analyse bandwidth usage for network interface
- Split in TCP and UDP
- Send data to logstash (-l)

Prerequisites

To run Netflower, you'll need the following: - git - python3 - pip3

Install

Install dependencies from requirements.txt

```
git clone [this repository]
pip3 install -r requirements.txt
```

Usage

```
usage: netflower.py [-h] -i INTERFACE [-l LOGSTASH_CONFIG]

optional arguments:
```

```
  -h, --help            show this help message and exit
  -i INTERFACE, --interface INTERFACE
                        Interface to listen on
  -l LOGSTASH_CONFIG, --logstash_config LOGSTASH_CONFIG
                        Logstash configuration host/port in JSON format,
                        example: {"host":"localhost","port":5000}
```

Example

```
sudo python3 netflower/netflower.py -i wlp2s0 # display bandwidth usage for wlp2s0 interface
```

License

MIT license