Anonsurf for Anonymity

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What is Anonsurf?

Anonsurf is one of the good anonymizing tools of Linux distribution. It helps us make our network tunnel secure. This tool uses TOR iptables to anonymize our network system. Anonsurf is a tool that will help you stay anonymous by routing every packet through TOR relay. When you use Anonsurf for ethical hacking, all the traffic from your system goes through a TOR proxy server due to which your IP address is changed.

Installation of Anonsurf

First of all, you can make a separate directory for this tool for your convenience and git clone the following URL or you can simply run this command in the terminal:

For a separate directory:

```
libta@kali:~/anonymity# mkdir Anonsurf && cd Anonsurf
```

Clone the URL in your terminal:

```
libta@kali:~/anonymity/Anonsurf# git clone https://github.com/Und3rf10w/kali-anonsurf.git
Cloning into 'kali-anonsurf'...
remote: Enumrating objects:321, done.
remote: Total 321 (delta 0), reused 0 (delta 0), pack-reused 321
Receiving objects: 100% (321/321), 167.72 KiB | 439.08 KiB/s, done.
Resolving deltas: 100% (99/99), done.
```

Now change the directory and go to the kali-anonsurf run the installer script:

```
libta@kali:~/anonymity/Anonsurf/# cd kali-anonsurf
```

```
libta@kali:~/anonymity/Anonsurf/kali-anonsurf# sudo ./installer.sh
--2022-06-19 17:46:46-- https://geti2p.net/_static/i2p-debian-repo.key.asc
Resolving geti2p.net (geti2p.net)... 2a02:180:2:c1:81:7:7:63, 81.7.7.63
Connecting to geti2p.net (geti2p) |2a02:180:2:c1:81:7:7:63|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 18019 (18K) [text/plan]
Saving to: '/tmp/i2p-debian-repo.key.asc'


/tmp/i2p-debian-repo.key 100%[=======================>] 17.60K 72.1KB/s in 0.2 s


2022-06-19 17:46:46 (72.1 KB/s) - '/tmp/i2p-debian-repo.key.asc' saved [18019/18019]
```

Usages

Now run this command for anonsurf start:

```
libta@kali:~/anonymity/Anonsurf/kali-anonsurf# sudo anonsurf
Usage:
 anonsurf {start|stop|restart|change|status}

 start - Start system-wide anonymous
         tunneling under TOR proxy through iptables
 stop - Reset original iptables settings
         and return to clear navigation
 restart - Combines "stop" and "start" options
 change - Changes identity restarting TOR
 status - Check if AnonSurf is working properly
----[ I2P related features ]----
 starti2p - Start i2p services
 stopi2p - Stop i2p services
```

To start this tool just simply run this command, a pop-up will show on your screen:

```
libta@kali:~/anonymity/Anonsurf/kali-anonsurf# anonsurf start
```

If this tool isn't running and you are running the stop command a pop up will show as

shown in figure:

```
libta@kali:~/anonymity/Anonsurf/kali-anonsurf# anonsurf stop
```

You can restart it again if you face any problem during the task:

```
libta@kali:~/anonymity/Anonsurf/kali-anonsurf# anonsurf restart
```

To changes identity:

This tool connects our system with the tor browser and if we want to change or IP address then we can use this command, in the following images you can see our system is connected with tor or not.

```
libta@kali:~/anonymity/Anonsurf/kali-anonsurf# anonsurf change
```

You can check what is current IP address is after connecting with tor network:

```
libta@kali:~/anonymity/Anonsurf/kali-anonsurf# anonsurf myip
```

Change status or check the status:

```
libta@kali:~/anonymity/Anonsurf/kali-anonsurf# anonsurf status
```

Thanks for reading!

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