

The function installs the relevant packages and checks if nipe already exists, so we wont overwrite it:

```
#!/bin/bash

#This function install & update some orientation tools and check if nipe exist, if no then install nipe
#that is a command that wont allow to over reinstall tools that exist

function INSTALLPKG(){
    U=$(whoami)
    mkdir /home/$U/Documents/install
    cd /home/$U/Documents/install
    sudo apt update
    sudo apt-get --assume-yes install geoip-bin
    sudo apt-get --assume-yes install nmap
    sudo apt-get --assume-yes install whois
    sudo apt-get --assume-yes install sshpass
    if [ -d nipe ]
    then echo "nipe already exists"
    else git clone https://github.com/htrgouvea/nipe && cd nipe && sudo cpan install Try::Tiny Config::Simple JSON && sudo perl nipe.pl install
    fi
}
INSTALLPKG
echo
echo
```

The function makes the connection anonymous and displays country:

```
#This function care about anonimity and display the status of anonimity, if yes show your'e anon.

function ANON(){
    cd /home/$U/Documents/install && cd nipe && sudo perl nipe.pl start && sudo perl nipe.pl restart
    P=$(curl -s ifconfig.io)
    if [ -z $(geoiplookup $P | grep IL) ]
    then echo "you are anonymous"
    else echo "you are not anonymous"
fi
}
ANON
echo
echo

#This function presents the current country you going through.

function ANONCOUNTRY(){
    for i in $(geoiplookup $P | awk '{print $4}' | cut -d "," -f1 )
    do echo $i
    done
}
ANONCOUNTRY
```

Output of installs, nipe check and anonymity check:

```
[kali@kali] ~/Desktop/my scripts
$ bash script
Hit:1 http://kali.download/kali kali-rolling InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
1409 packages can be upgraded. Run 'apt list --upgradable' to see them.
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libnetaddr-ip-perl
The following NEW packages will be installed:
  geoip-bin libnetaddr-ip-perl
0 upgraded, 2 newly installed, 0 to remove and 1409 not upgraded.
Need to get 185 kB of archives.
After this operation, 642 kB of additional disk space will be used.
Get:1 http://http.kali.org/kali kali-rolling/main amd64 libnetaddr-ip-perl amd64 4.079+dfsg-2+b1 [99.5 kB]
Get:2 http://kali.download/kali kali-rolling/main amd64 geoip-bin amd64 1.6.12-9 [85.2 kB]
Fetched 185 kB in 7s (26.4 kB/s)
Selecting previously unselected package libnetaddr-ip-perl.
(Reading database ... 295806 files and directories currently installed.)
Preparing to unpack .../libnetaddr-ip-perl_4.079+dfsg-2+b1_amd64.deb ...
Unpacking libnetaddr-ip-perl (4.079+dfsg-2+b1) ...
Selecting previously unselected package geoip-bin.
Preparing to unpack .../geoip-bin_1.6.12-9_amd64.deb ...
Unpacking geoip-bin (1.6.12-9) ...
Setting up libnetaddr-ip-perl (4.079+dfsg-2+b1) ...
Setting up geoip-bin (1.6.12-9) ...
Processing triggers for kali-menu (2022.3.1) ...
Processing triggers for man-db (2.10.2-1) ...
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  liblinear4 lua-lpeg nmap-common
Suggested packages:
  liblinear-dev ncat ndiff zenmap
The following NEW packages will be installed:
  liblinear4 lua-lpeg nmap nmap-common
0 upgraded, 4 newly installed, 0 to remove and 1409 not upgraded.
Need to get 81.4 kB/6.268 kB of archives.
After this operation, 27.2 MB of additional disk space will be used.
Get:1 http://http.kali.org/kali kali-rolling/main amd64 liblinear4 amd64 2.3.0+dfsg-5 [43.6 kB]
Get:2 http://kali.download/kali kali-rolling/main amd64 lua-lpeg amd64 1.0.2-2 [37.7 kB]
Fetched 81.4 kB in 5s (16.7 kB/s)
Selecting previously unselected package liblinear4:amd64.
(Reading database ... 295805 files and directories currently installed.)
Preparing to unpack .../liblinear4_2.3.0+dfsg-5_amd64.deb ...
Unpacking liblinear4:amd64 (2.3.0+dfsg-5) ...
Selecting previously unselected package lua-lpeg:amd64.
Preparing to unpack .../lua-lpeg_1.0.2-2_amd64.deb ...
Unpacking lua-lpeg:amd64 (1.0.2-2) ...
Selecting previously unselected package nmap-common.
Preparing to unpack .../nmap-common_7.93+dfsg1-0kali1_all.deb ...
Unpacking nmap-common (7.93+dfsg1-0kali1) ...
Selecting previously unselected package nmap.
Preparing to unpack .../nmap_7.93+dfsg1-0kali1_amd64.deb ...
Unpacking nmap (7.93+dfsg1-0kali1) ...
Setting up lua-lpeg:amd64 (1.0.2-2) ...
Setting up liblinear4:amd64 (2.3.0+dfsg-5) ...
Setting up nmap-common (7.93+dfsg1-0kali1) ...
Setting up nmap (7.93+dfsg1-0kali1) ...
Processing triggers for libc-bin (2.35-3) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for kali-menu (2022.3.1) ...
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
whois is already the newest version (5.5.14).
0 upgraded, 0 newly installed, 0 to remove and 1409 not upgraded.
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
sshpas is already the newest version (1.09-1+b1).
0 upgraded, 0 newly installed, 0 to remove and 1409 not upgraded.
Cloning into 'nipe'...
remote: Enumerating objects: 1674, done.
remote: Counting objects: 100% (145/145), done.
remote: Compressing objects: 100% (78/78), done.
remote: Total 1674 (delta 56), reused 128 (delta 51), pack-reused 1529
Receiving objects: 100% (1674/1674), 255.46 KiB | 53.00 KiB/s, done.
Resolving deltas: 100% (869/869), done.
Loading internal logger. Log::Log4perl recommended for better logging
Reading /root/.cpan/Metadatas
Database was generated on Sun, 18 Dec 2022 14:17:02 GMT
Try::Tiny is up to date (0.31).
Config::Simple is up to date (4.58).
JSON is up to date (4.10).
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
iptables is already the newest version (1.8.8-1).
tor is already the newest version (0.4.7.12-1).
0 upgraded, 0 newly installed, 0 to remove and 1409 not upgraded.

you are anonymous
```

This function asks for the ssh details if the other function doesn't exit because the connection is not anonymous:

```
#This function asking for ssh connect details (ip,username,password)

function SSHDETAILS(){
    echo "ip:"
    read ip
    echo "username:"
    read usr
    echo "password:"
    read pass
}

#This function quite the script if the way is not anon.

function ILEXIT(){
    if [ $i == "IL" ]
    then exit
    else SSHDETAILS
    fi
}
ILEXIT
```

Output of a connection that isn't anonymous:

```
you are not anonymous

IL

(kali@kali) - [~/Desktop/my scripts]
$
```

This function make a connection through ssh and scan the target with the following scanning tools:

#This function connect via ssh and scans the target with nmap and whois.

```
function SSH1(){
    echo "what is your target ip?"
    read target
    sshpass -p $pass ssh $usr@$ip -o StrictHostKeyChecking=no "nmap $target > nmapinfo.txt;
    uptime >> nmapinfo.txt;
    curl ifconfig.io >> nmapinfo.txt;
    hostname -I >> nmapinfo.txt;
    whois $target > whoisinfo.txt;
    whois $ip | grep -i country >> nmapinfo.txt"
}
SSH1
```

This function enables to connect via sshpass to grab the reports from the remote host:

```
function SSH2(){
    sshpass -p $pass ssh $usr@$ip -o StrictHostKeyChecking=no "cat nmapinfo.txt" | tail -n 300 > nmapinfo.txt
    sshpass -p $pass ssh $usr@$ip -o StrictHostKeyChecking=no "cat whoisinfo.txt" | tail -n 300 > whoisinfo.txt
}
SSH2
```

This function save the output of date, int-ip, ext-ip, nmap and whois scans into a full report file:

#This function show general stat (date,int-ip,ext-ip)

```
function GENSTAT(){
    date > genst.txt
    hostname -I >> genst.txt
    curl ifconfig.io >> genst.txt
}
GENSTAT
```

#This function collect all outputs to a full report folder.

```
function ECHOGENSTAT(){
    cat genst.txt > full_report.txt
    cat nmapinfo.txt >> full_report.txt
    cat whoisinfo.txt >> full_report.txt
}
ECHOGENSTAT
```

```
US
ip:
192.168.219.133
username:
kali
password:
kali
what is your target ip?
8.8.8.8
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
   Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
 100    16   100    16    0     0    1     0  0:00:16  0:00:08  0:00:08    3
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
 100    16   100    16    0     0   10     0  0:00:01  0:00:01  --:--:--   10
```