

The script allows you to connect to a remote server via SSH, run commands and collect information, and be in an anonymous network via Tor (nipe).

Commands used:

sshpass, ssh

whois

nmap

geoiplookup

nipe

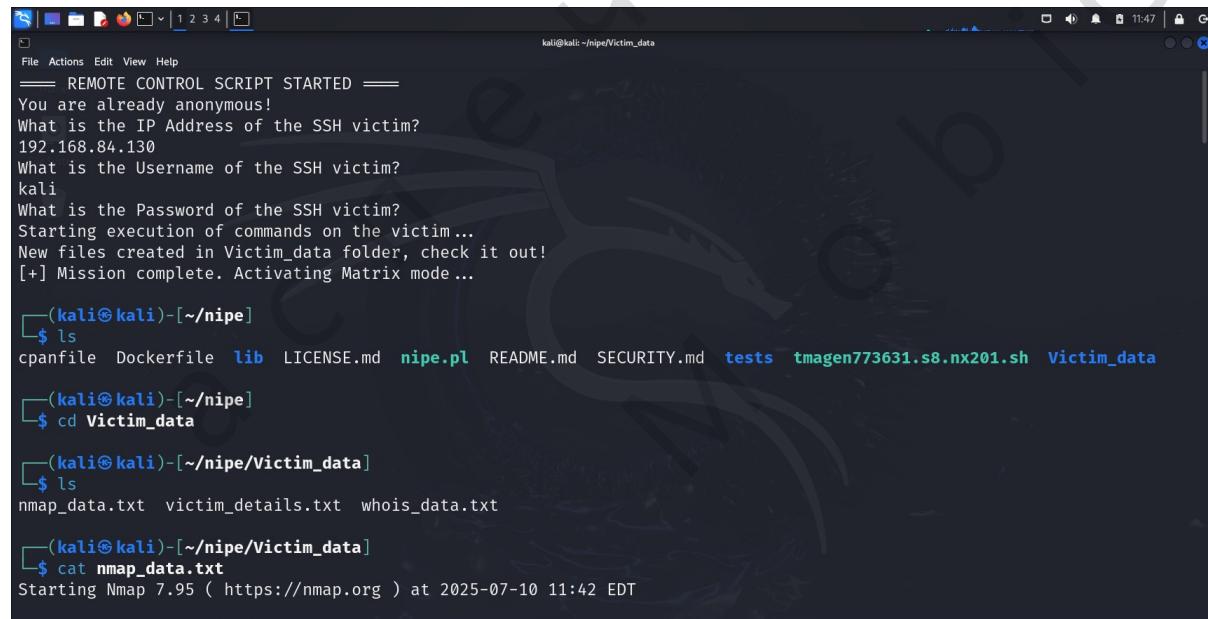
Cmatrix

Description of functions:

ANON_CHECK: checks if the connection is anonymous, enables nipe if necessary

CONTROL_VICTIM: connects via SSH and executes commands

MATRIX_MODE: fun ending with cmatrix



```
kali@kali:~/nipe/Victim_data
File Actions Edit View Help
=====
REMOTE CONTROL SCRIPT STARTED ==
You are already anonymous!
What is the IP Address of the SSH victim?
192.168.84.130
What is the Username of the SSH victim?
kali
What is the Password of the SSH victim?
Starting execution of commands on the victim...
New files created in Victim_data folder, check it out!
[+] Mission complete. Activating Matrix mode ...

(kali㉿kali)-[~/nipe]
$ ls
cpanfile Dockerfile lib LICENSE.md nipe.pl README.md SECURITY.md tests timage773631.s8.nx201.sh Victim_data

(kali㉿kali)-[~/nipe]
$ cd Victim_data

(kali㉿kali)-[~/nipe/Victim_data]
$ ls
nmap_data.txt victim_details.txt whois_data.txt

(kali㉿kali)-[~/nipe/Victim_data]
$ cat nmap_data.txt
Starting Nmap 7.95 ( https://nmap.org ) at 2025-07-10 11:42 EDT
```

```

  └─[kali㉿kali]-[~/nipe/Victim_data]
  └─$ ls
  nmap_data.txt victim_details.txt whois_data.txt

  └─[kali㉿kali]-[~/nipe/Victim_data]
  └─$ cat nmap_data.txt
Starting Nmap 7.95 ( https://nmap.org ) at 2025-07-10 11:42 EDT
Nmap scan report for dns.google (8.8.8.8)
Host is up (0.0062s latency).
Not shown: 998 filtered tcp ports (no-response)
PORT      STATE SERVICE
53/tcp    open  domain
443/tcp   open  https

Nmap done: 1 IP address (1 host up) scanned in 46.25 seconds

  └─[kali㉿kali]-[~/nipe/Victim_data]
  └─$ cat victim_details.txt
The details of the victim are:
  11:42:49 up 22 min,  2 users,  load average: 0.04, 0.01, 0.00
5.29.16.148GeoIP Country Edition: IL, Israel

  └─[kali㉿kali]-[~/nipe/Victim_data]
  └─$ cat whois_data.txt
  Domain Name: ESPN.COM

  └─[kali㉿kali]-[~/nipe/Victim_data]
  └─$ cat victim_details.txt
The details of the victim are:
  11:42:49 up 22 min,  2 users,  load average: 0.04, 0.01, 0.00
5.29.16.148GeoIP Country Edition: IL, Israel

  └─[kali㉿kali]-[~/nipe/Victim_data]
  └─$ cat whois_data.txt
  Domain Name: ESPN.COM
  Registry Domain ID: 1925816_DOMAIN_COM-VRSN
  Registrar WHOIS Server: whois.corporatedomains.com
  Registrar URL: http://csedb.com
  Updated Date: 2024-08-28T15:12:11Z
  Creation Date: 1994-10-04T04:00:00Z
  Registry Expiry Date: 2025-10-03T04:00:00Z
  Registrar: CSC Corporate Domains, Inc.
  Registrar IANA ID: 299
  Registrar Abuse Contact Email: domainabuse@cscglobal.com
  Registrar Abuse Contact Phone: 8887802723
  Domain Status: clientTransferProhibited https://icann.org/epp#clientTransferProhibited
  Domain Status: serverDeleteProhibited https://icann.org/epp#serverDeleteProhibited
  Domain Status: serverTransferProhibited https://icann.org/epp#serverTransferProhibited
  Domain Status: serverUpdateProhibited https://icann.org/epp#serverUpdateProhibited
  Name Server: NS-1045.AWSDNS-02.ORG

  └─[kali㉿kali]-[~/nipe/Victim_data]
  └─$ cat victim_details.txt
  Name Server: NS-846.AWSDNS-41.NET
  DNSSEC: unsigned
  URL of the ICANN Whois Inaccuracy Complaint Form: https://www.icann.org/wicf/
  >>> Last update of whois database: 2025-07-10T15:41:54Z <<

  For more information on Whois status codes, please visit https://icann.org/epp

  NOTICE: The expiration date displayed in this record is the date the
  registrar's sponsorship of the domain name registration in the registry is
  currently set to expire. This date does not necessarily reflect the expiration
  date of the domain name registrant's agreement with the sponsoring
  registrar. Users may consult the sponsoring registrar's Whois database to
  view the registrar's reported date of expiration for this registration.

  TERMS OF USE: You are not authorized to access or query our Whois
  database through the use of electronic processes that are high-volume and
  automated except as reasonably necessary to register domain names or
  modify existing registrations; the Data in VeriSign Global Registry
  Services' ("VeriSign") Whois database is provided by VeriSign for
  information purposes only, and to assist persons in obtaining information
  about or related to a domain name registration record. VeriSign does not
  guarantee its accuracy. By submitting a Whois query, you agree to abide
  by the following terms of use: You agree that you may use this Data only
  for lawful purposes and that under no circumstances will you use this Data
  to: (1) allow, enable, or otherwise support the transmission of mass

```

File Actions Edit View Help

kali㉿kali: ~/nmap/Victim_data

```
Registry Domain ID: 1925816_DOMAIN_COM-VRSN
Registrar WHOIS Server: whois.corporatedomains.com
Registrar URL: www.cscprotectsbrands.com
Updated Date: 2024-08-28T11:12:11Z
Creation Date: 1994-10-04T00:00:00Z
Registrar Registration Expiration Date: 2025-10-03T04:00:00Z
Registrar: CSC CORPORATE DOMAINS, INC.
Sponsoring Registrar IANA ID: 299
Registrar Abuse Contact Email: domainabuse@cscglobal.com
Registrar Abuse Contact Phone: +1.8887802723
Domain Status: clientTransferProhibited http://www.icann.org/epp#clientTransferProhibited
Domain Status: serverDeleteProhibited http://www.icann.org/epp#serverDeleteProhibited
Domain Status: serverTransferProhibited http://www.icann.org/epp#serverTransferProhibited
Domain Status: serverUpdateProhibited http://www.icann.org/epp#serverUpdateProhibited
Registry Registrant ID:
Registrant Name: ESPN, Inc.
Registrant Organization: ESPN, Inc.
Registrant Street: 935 Middle Street
Registrant City: Bristol
Registrant State/Province: CT
Registrant Postal Code: 06010-1001
Registrant Country: US
Registrant Phone: +1.8607662000
Registrant Phone Ext:
Registrant Fax: +1.8607664502
```

Name Server: ns-846.awsdns-41.net
Name Server: ns-122.awsdns-15.com
Name Server: ns-1045.awsdns-02.org
DNSSEC: unsigned
URL of the ICANN WHOIS Data Problem Reporting System: <http://wdprs.internic.net/>
->> Last update of WHOIS database: 2024-08-28T11:12:11Z <<

For more information on Whois status codes, please visit <https://icann.org/epp>

Corporation Service Company(c) (CSC) The Trusted Partner of More than 50% of the 100 Best Global Brands.

Contact us to learn more about our enterprise solutions for Global Domain Name Registration and Management, Trademark Research and Watching, Brand Logo and Auction Monitoring, as well SSL Certificate Services and DNS Hosting.

NOTICE: You are not authorized to access or query our WHOIS database through the use of high-volume, automated, electronic processes or for the purpose or purposes of using the data in any manner that violates these terms of use. The Data in the CSC WHOIS database is provided by CSC for information purposes only, and to assist persons in obtaining information about or related to a domain name registration record. CSC does not guarantee its accuracy. By submitting a WHOIS query, you agree to abide by the following terms of use: you agree that you may use this Data only for lawful purposes and that under no circumstances will you use this Data to: (1) allow, enable, or otherwise support the transmission of mass unsolicited, commercial advertising or solicitations via direct mail, e-mail, telephone, or facsimile; or (2) enable high volume, automated, electronic processes that apply to CSC (or its computer systems). CSC reserves the right to terminate your access to the WHOIS database in its sole discretion for any violations by you of these terms of use. CSC reserves the right to modify these terms at any time.

```
kali@kali: ~
```

```
File Actions Edit View Help
└─(kali㉿kali)-[~]
$ cd nipe
└─(kali㉿kali)-[~/nipe]
$ sudo perl nipe.pl start

[sudo] password for kali:
└─(kali㉿kali)-[~/nipe]
$ sudo perl nipe.pl restart

└─(kali㉿kali)-[~/nipe]
$ sudo perl nipe.pl status

[+] Status: true
[+] Ip: 171.25.193.235

└─(kali㉿kali)-[~/nipe]
$ geoiplookup 171.25.193.235
GeoIP Country Edition: SE, Sweden

└─(kali㉿kali)-[~/nipe]
```

```

kali@kali:~/nipe
File Actions Edit View Help
(kali㉿kali)-[~/nipe]
$ sshpass -p '2255' ssh -o StrictHostKeyChecking=no kali@192.168.84.130 "whoami"
kali
(kali㉿kali)-[~/nipe]
$ sshpass -p '2255' ssh -o StrictHostKeyChecking=no kali@192.168.84.130 "ifconfig"
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.84.130 netmask 255.255.255.0 broadcast 192.168.84.255
        inet6 fe80::2137:5454:9f:3cd1 prefixlen 64 scopeid 0x20<link>
            ether 00:0c:29:04:80:f7 txqueuelen 1000 (Ethernet)
                RX packets 2338 bytes 193430 (188.8 KiB)
                RX errors 0 dropped 0 overruns 0 frame 0
                TX packets 2358 bytes 202751 (197.9 KiB)
                TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
        inet6 ::1 prefixlen 128 scopeid 0x10<host>
            loop txqueuelen 1000 (Local Loopback)
                RX packets 8 bytes 480 (480.0 B)
                RX errors 0 dropped 0 overruns 0 frame 0
                TX packets 8 bytes 480 (480.0 B)
                TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

tmagen773631.s8.nx201.sh - /home/kali/nipe - Geany
File Edit Search View Document Project Build Tools Help
tmagen773631.s8.nx201.sh x
1 #!/bin/bash
2
3 #!!! REMOTE CONTROL PROJECT - NX201 !!!
4 # Student: Sandra Golinskaya
5 # Code: s8
6 # Unit: tmagen773631
7 # Lecturer: Doron
8
9
10 #!!! Function 1: Check Anonymity and Start Nipe if Needed ===
11 function ANON_CHECK()
12 {
13     External_IP=$(curl -s ident.me) # My external IP
14     COUNTRY=$(geoiplookup $External_IP | awk '{print $5}') # The country of the external IP
15
16     if [ "$COUNTRY" == "Israel" ]
17     then
18         echo "You are not anonymous"
19         echo "Activating Nipe..."
20
21     NIPE_DIR=$(sudo find / -name nipe -type d 2>/dev/null) # Finding the Nipe directory
22     cd $NIPE_DIR || { echo "Nipe directory not found!"; exit 1; }
23
Status 12:57:26: This is Geany 2.0.
Compiler 12:57:26: File /home/kali/tmagen773631.s9.nx201.sh opened (1).
12:57:26: File /home/kali/nipe/tmagen773631.s8.nx201.sh opened (2).
12:58:10: File /home/kali/tmagen773631.s9.nx201.sh closed.
Messages
Scribble
Terminal
line: 78 / 79 col: 11 sel: 0 INS TAB EOL: LF encoding:UTF-8 filetype:Sh scope: unknown
tmagen773631.s8.nx201.sh - /home/kali/nipe - Geany
File Edit Search View Document Project Build Tools Help
tmagen773631.s8.nx201.sh x
25 sudo perl nipe.pl restart
26 sleep 5
27
28 echo 'Now you are anonymous'
29 echo 'Your new IP is:'
30 sudo perl nipe.pl status
31
32 else
33 echo 'You are already anonymous!'
34 fi
35
36 #!!! Function 2: Connect to SSH Victim and Run Remote Commands ===
37 function CONTROL_VICTIM()
38 {
39     echo 'What is the IP Address of the SSH victim?'
40     read V_IP
41     echo 'What is the Username of the SSH victim?'
42     read V_USER
43     echo 'What is the Password of the SSH victim?'
44     read -s V_PASS
45
46     echo 'Starting execution of commands on the victim...'
47     mkdir_nipe_in_Victim_data
Status 12:57:26: This is Geany 2.0.
Compiler 12:57:26: File /home/kali/tmagen773631.s9.nx201.sh opened (1).
12:57:26: File /home/kali/nipe/tmagen773631.s8.nx201.sh opened (2).
12:58:10: File /home/kali/tmagen773631.s9.nx201.sh closed.
Messages
Scribble
Terminal
line: 78 / 79 col: 11 sel: 0 INS TAB EOL: LF encoding:UTF-8 filetype:Sh scope: unknown

```

```
line: 78 / 79 col:11 set:0 INS TAB EOL:LF encoding:UTF-8 filetype:Sh scope:unknown
File Edit Search View Document Project Build Tools Help
File: timage773631.s8.nx201.sh - /home/kali/nipe - Geany
Screenshot taken
View Image
Symbols Functions ANON_CHECK [11] CONTROL_VICTIM MATRIX_MODE [60]
timage773631.s8.nx201.sh x
58
59     # *** Function 3: Matrix Ending ***
60     function MATRIX_MODE()
61     {
62         echo "[*] Mission complete. Activating Matrix mode..."
63         sleep 2
64         if command -v cmatrix >/dev/null; then
65             matrix
66         else
67             echo "[]] 'cmatrix' not found. Installing..."
68             sudo apt-get install cmatrix -y
69             cmatrix
70         fi
71     }
72
73     # *** MAIN EXECUTION ***
74     clear
75     echo "**** REMOTE CONTROL SCRIPT STARTED ****"
76     ANON_CHECK
77     CONTROL_VICTIM
78     MATRIX_MODE
79
Status 12:57:26: This is Geany 2.0.
Compiler 12:57:26: File /home/kali/timage773631.s9.nx201.sh opened (1).
12:57:26: File /home/kali/nipe/timage773631.s8.nx201.sh opened (2).
Messages 12:58:10: File /home/kali/timage773631.s9.nx201.sh closed.
Scribble
Terminal
```

All commands were executed successfully. The script works and automates remote control via SSH with anonymity.

```
#!/bin/bash
```

=== REMOTE CONTROL PROJECT - NX201 ===

```
# Student: Sandra Golinskaya  
# Code: s8  
# Unit: timage773631  
# Lecturer: Doron  
# =====  
  
# === Function 1: Check Anonymity and Start Nipe if Needed ===  
  
function ANON_CHECK()  
{  
    External_IP=$(curl -s ident.me) # My external IP  
    COUNTRY=$(geoiplookup $External_IP | awk '{print $5}') # The country  
    of the external IP  
  
    if [ "$COUNTRY" == "Israel" ]  
    then  
        echo 'You are not anonymous'  
        echo 'Activating Nipe...'  
  
        NIPE_DIR=$(sudo find / -name nipe -type d 2>/dev/null) # Finding the  
        Nipe directory  
        cd $NIPE_DIR || { echo "Nipe directory not found!"; exit 1; }  
  
        sudo perl nipe.pl start
```

```
sudo perl nipe.pl restart

sleep 5

echo 'Now you are anonymous'

echo 'Your new IP is:'

sudo perl nipe.pl status

else

    echo 'You are already anonymous!'

fi

}

# === Function 2: Connect to SSH Victim and Run Remote Commands ===

function CONTROL_VICTIM()

{

    echo 'What is the IP Address of the SSH victim?'
    read V_IP

    echo 'What is the Username of the SSH victim?'
    read V_USER

    echo 'What is the Password of the SSH victim?'
    read -s V_PASS

    echo 'Starting execution of commands on the victim...'
```

```
mkdir -p Victim_data  
cd Victim_data  
  
sshpass -p "$V_PASS" ssh -o StrictHostKeyChecking=no  
"$V_USER@$V_IP" "whois espn.com" > whois_data.txt  
  
sshpass -p "$V_PASS" ssh -o StrictHostKeyChecking=no  
"$V_USER@$V_IP" "nmap 8.8.8.8" > nmap_data.txt  
  
sshpass -p "$V_PASS" ssh -o StrictHostKeyChecking=no  
"$V_USER@$V_IP" "echo 'The details of the victim are:'" >  
victim_details.txt  
  
sshpass -p "$V_PASS" ssh -o StrictHostKeyChecking=no  
"$V_USER@$V_IP" "uptime ; curl -s ident.me" >> victim_details.txt  
  
sshpass -p "$V_PASS" ssh -o StrictHostKeyChecking=no  
"$V_USER@$V_IP" "geoiplookup \$(curl -s ident.me)" >>  
victim_details.txt  
  
echo 'New files created in Victim_data folder, check it out!'  
}  
  
# === Function 3: Matrix Ending ===  
  
function MATRIX_MODE()  
{  
    echo "[+] Mission complete. Activating Matrix mode..."  
    sleep 2
```

```
if command -v cmatrix &>/dev/null; then  
    cmatrix  
else  
    echo "[!] 'cmatrix' not found. Installing..."  
    sudo apt-get install cmatrix -y  
    cmatrix  
fi  
}  
  
# === MAIN EXECUTION ===  
clear  
echo "==== REMOTE CONTROL SCRIPT STARTED ===="  
ANON_CHECK  
CONTROL_VICTIM  
MATRIX_MODE
```