

## TASK 3

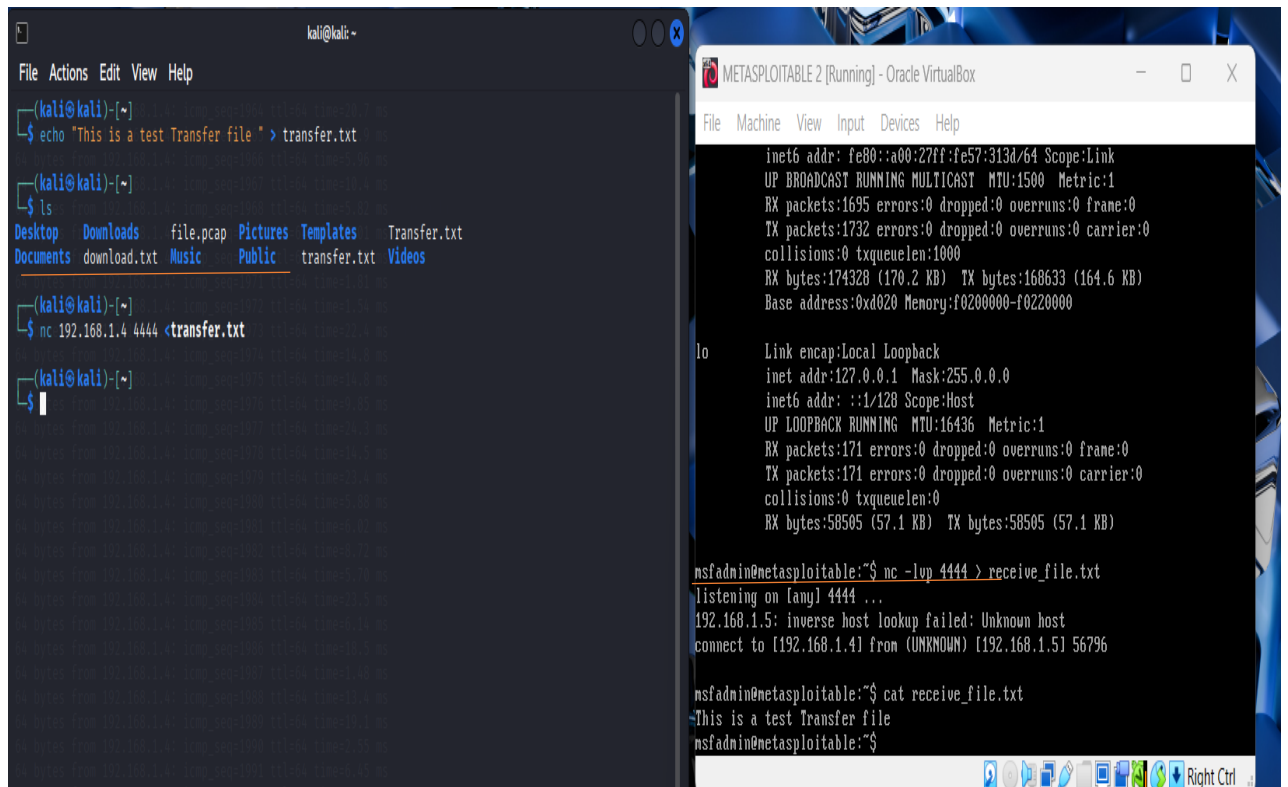
Using NetCat - Sent the file to Metasploitable Machine using Upload feature and then Download the same file back from Metasploitable to Kali using download feature.

**echo "This is a test transfer file" > transfer.txt (Created file)**

```
(kali@kali)-[~]
$ echo "This is a test Transfer file " > transfer.txt
(kali@kali)-[~]
$ ls
Desktop  Downloads  file.pcap  Pictures  Templates  Transfer.txt
Documents download.txt Music      Public    transfer.txt Videos
```

**Uploading file :-**

- On metasploitable : nc -lvp 4444 > receive\_file.txt
- On Kali : nc 192.168.4.1 4444 < transfer.txt



```
kali@kali:~$ echo "This is a test Transfer file " > transfer.txt
kali@kali:~$ ls
Desktop  Downloads  file.pcap  Pictures  Templates  Transfer.txt
Documents download.txt Music      Public    transfer.txt Videos

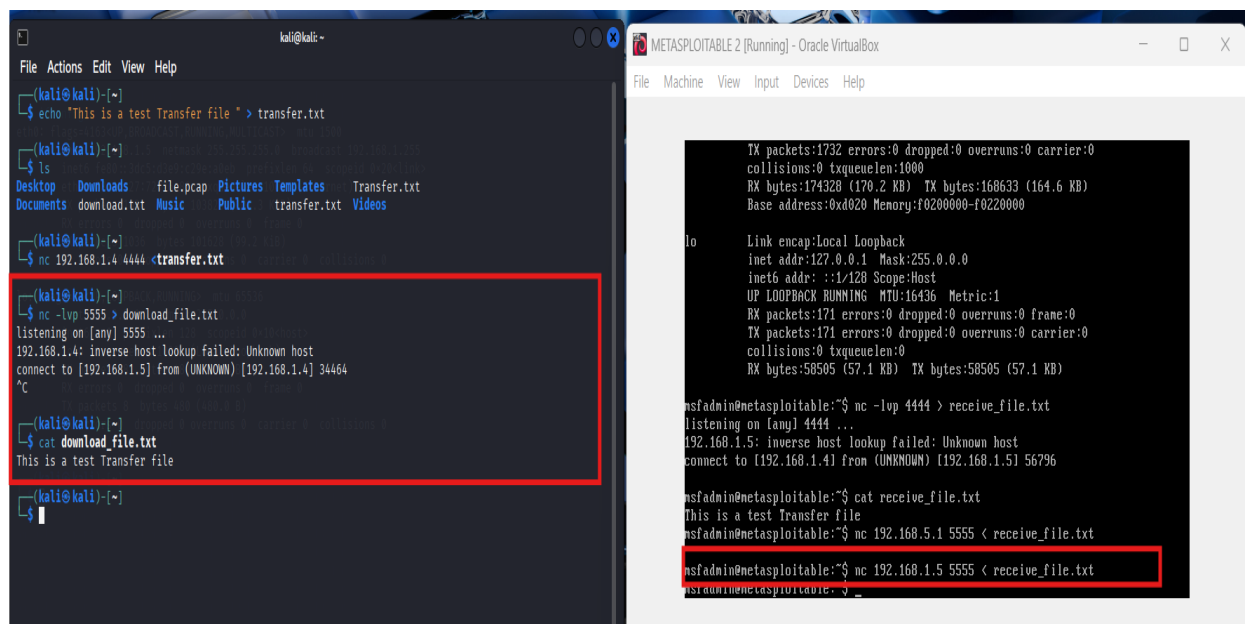
kali@kali:~$ nc 192.168.1.4 4444 <transfer.txt
kali@kali:~$

msfadmin@metasploitable:~$ nc -lvp 4444 > receive_file.txt
listening on [any] 4444 ...
192.168.1.5: inverse host lookup failed: Unknown host
connect to [192.168.1.4] from (UNKNOWN) [192.168.1.5] 56796

msfadmin@metasploitable:~$ cat receive_file.txt
This is a test Transfer file
msfadmin@metasploitable:~$
```

## Uploading file: -

- On Kali: nc -lvp 5555 > download\_file.txt
- On Metasploitable: nc 192.168.1.5 4444 < receive\_file.txt



```
kali@kali:~$ echo "This is a test Transfer file " > transfer.txt
kali@kali:~$ ls
Desktop  Downloads  file.pcap  Pictures  Templates  Transfer.txt
Documents  download.txt  Music      Public    transfer.txt  Videos

kali@kali:~$ nc 192.168.1.4 4444 <transfer.txt
nc -lvp 5555 > download_file.txt
listening on [any] 5555 ...
192.168.1.4: inverse host lookup failed: Unknown host
connect to [192.168.1.5] from (UNKNOWN) [192.168.1.4] 34464
^C
kali@kali:~$ cat download_file.txt
This is a test Transfer file
kali@kali:~$
```

```
Metasploit 2 [Running] - Oracle VM VirtualBox
File  Machine  View  Input  Devices  Help

TX packets:1732 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:174328 (170.2 KB) TX bytes:168633 (164.6 KB)
Base address:0xd020 Memory:f0200000-f0220000

Link encap:Local Loopback
inet addr:127.0.0.1 Mask:255.0.0.0
inet6 addr: ::1/128 Scope:Host
UP LOOPBACK RUNNING MTU:16436 Metric:1
RX packets:171 errors:0 dropped:0 overruns:0 frame:0
TX packets:171 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:58505 (57.1 KB) TX bytes:58505 (57.1 KB)

msfadmin@metasploitable:~$ nc -lvp 4444 > receive_file.txt
listening on [any] 4444 ...
192.168.1.5: inverse host lookup failed: Unknown host
connect to [192.168.1.4] from (UNKNOWN) [192.168.1.5] 56796

msfadmin@metasploitable:~$ cat receive_file.txt
This is a test Transfer file
msfadmin@metasploitable:~$ nc 192.168.1.1 5555 < receive_file.txt
msfadmin@metasploitable:~$ nc 192.168.1.5 5555 < receive_file.txt
msfadmin@metasploitable:~$
```