

DSA PROJECT DOCUMENTATION

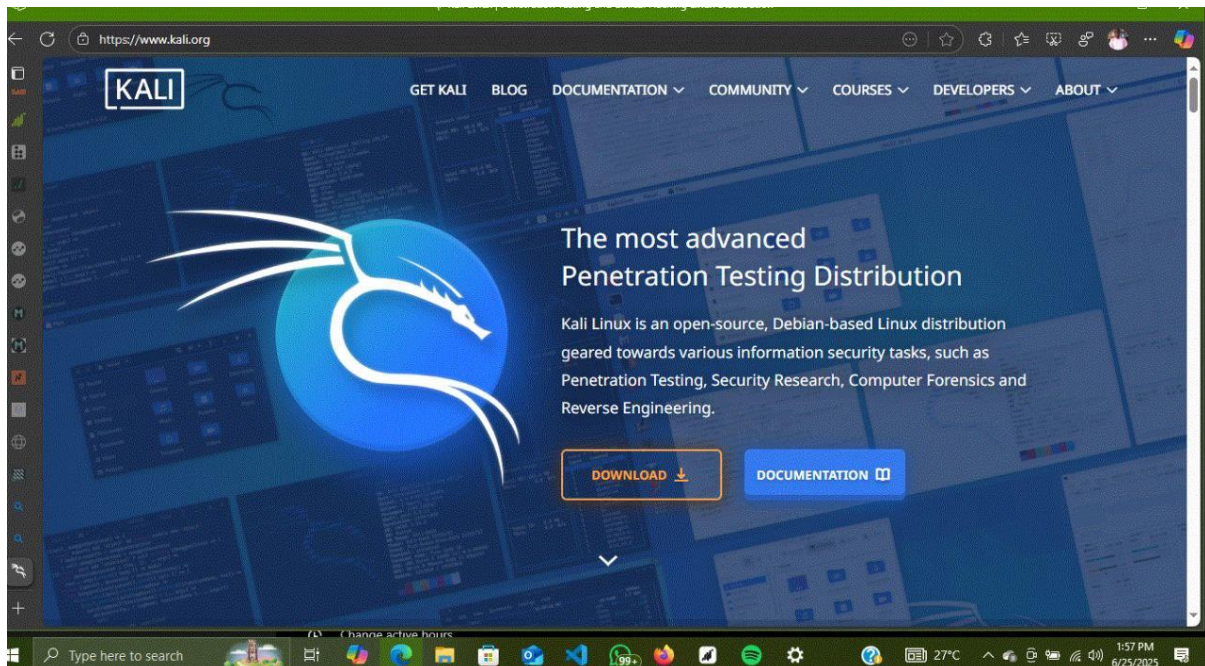
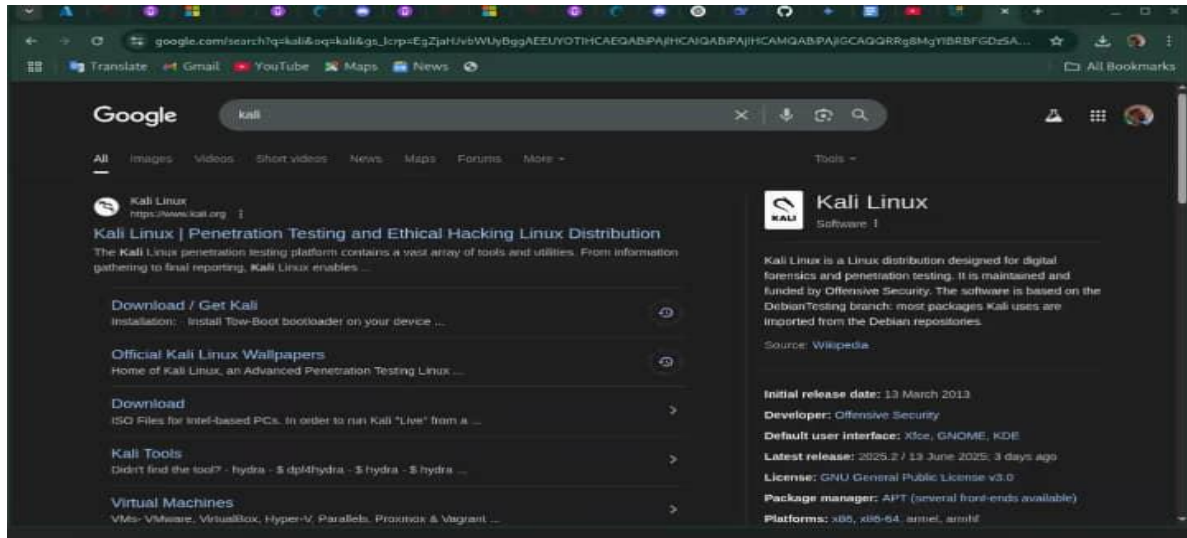
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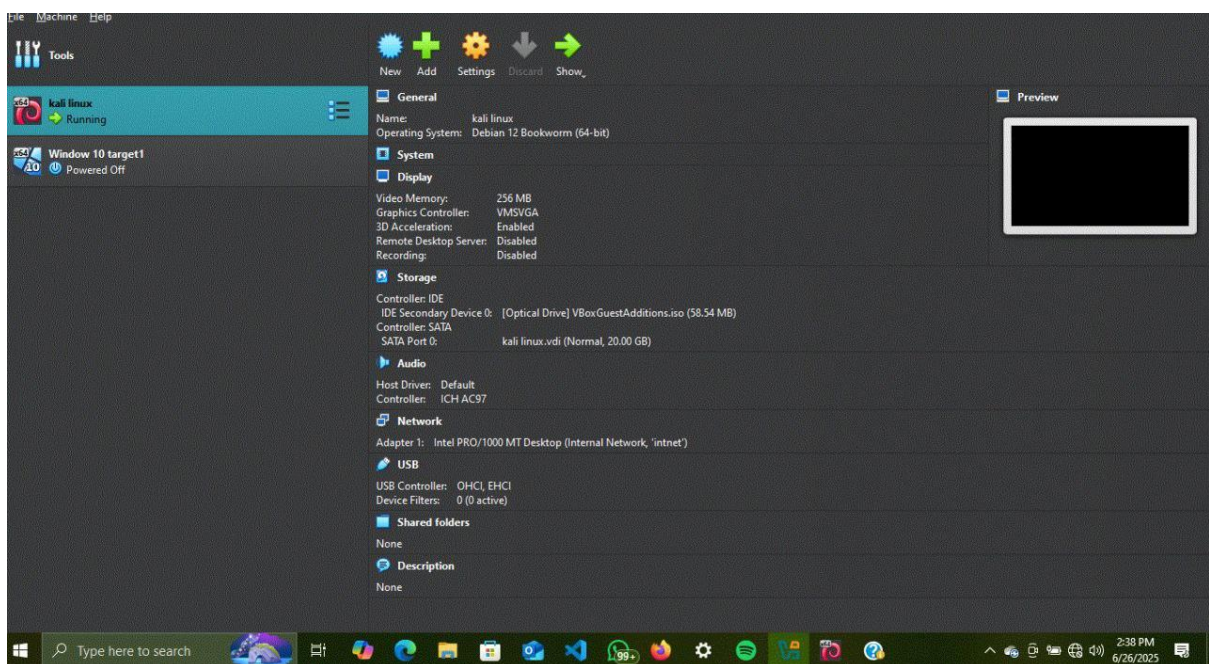
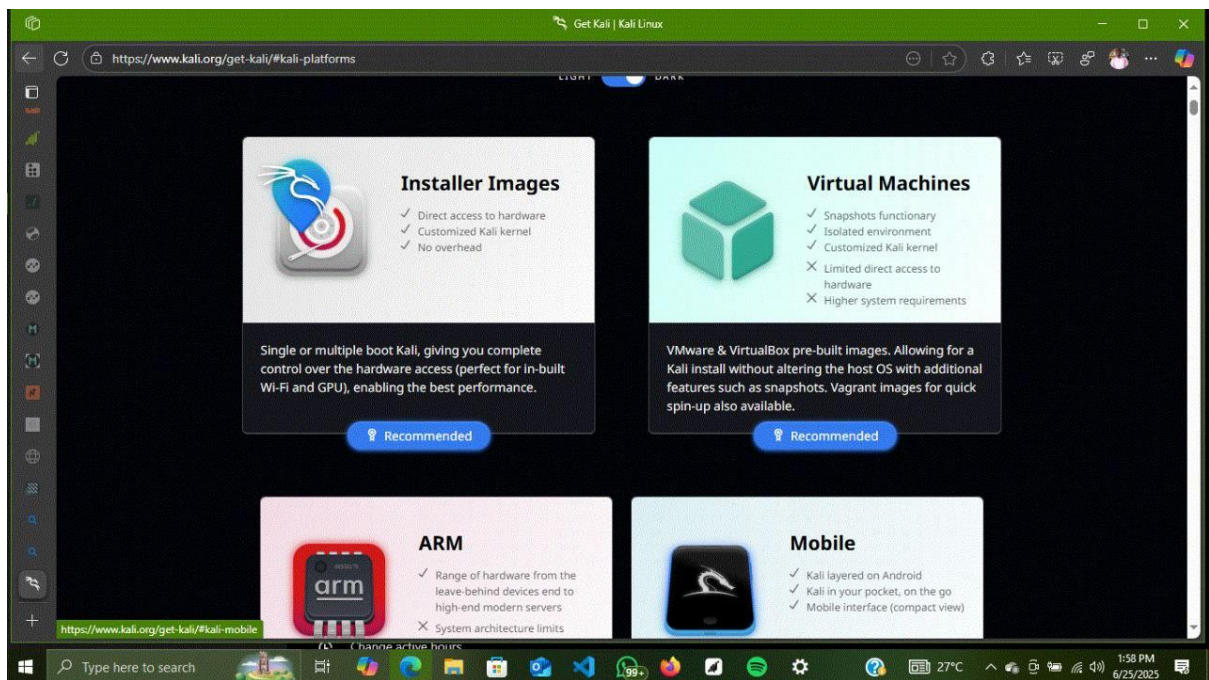
1. KALI LINUX [ATTECKER]
2. WINDOWS 10 ISO
3. VIRTUAL BOX /MACHINE
4. ASSIGNING STATIC IP ADDRESSES TO THEM

THE ABOVE ARE THE TOOLS WE NEED FOR THE
PROJECT 1

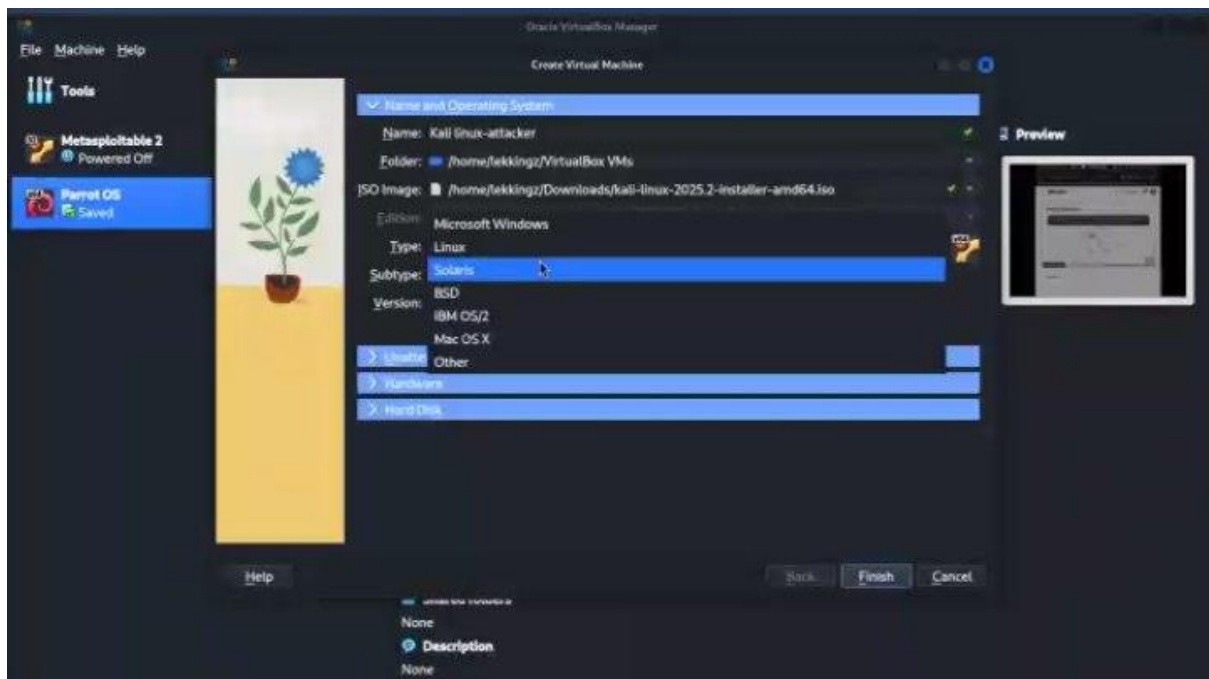
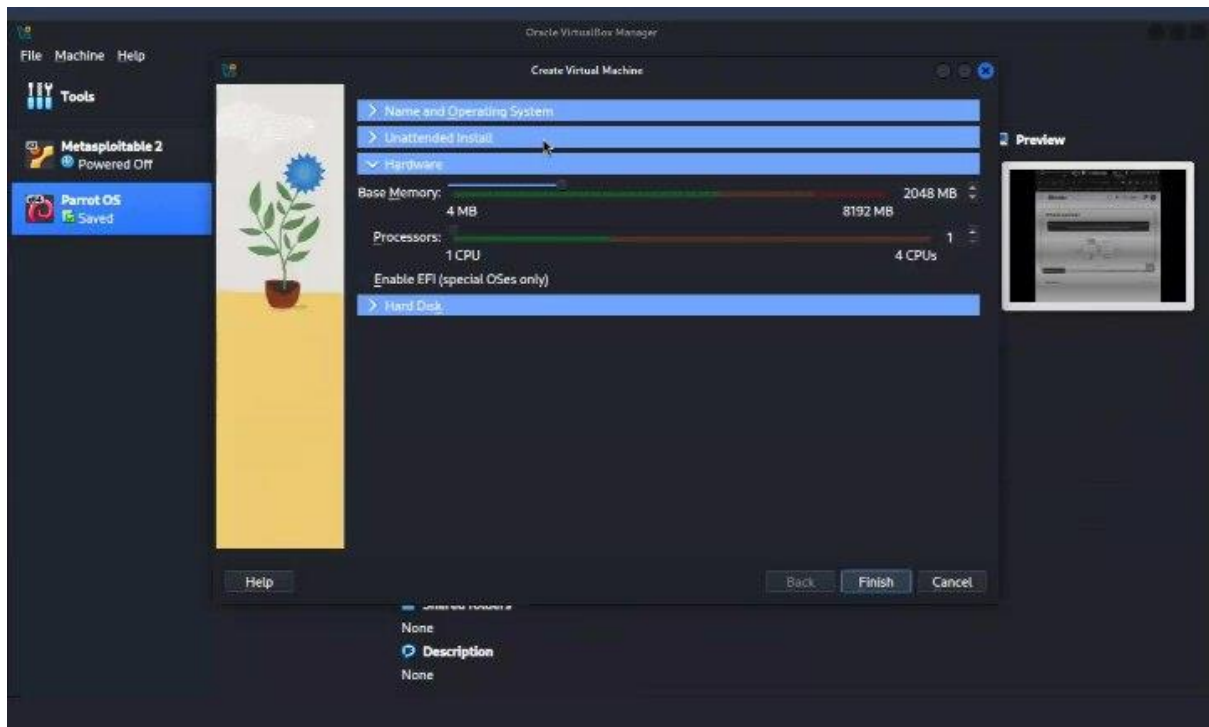
YOUR WELCOME
TO OUR PROJECT 1

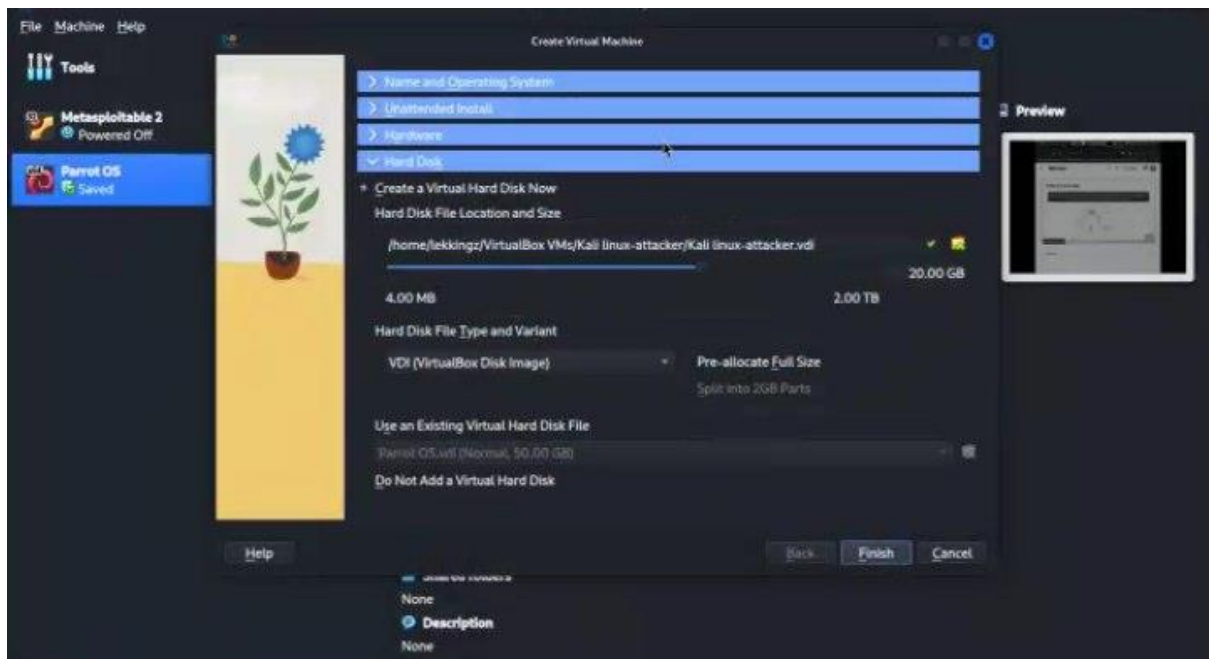
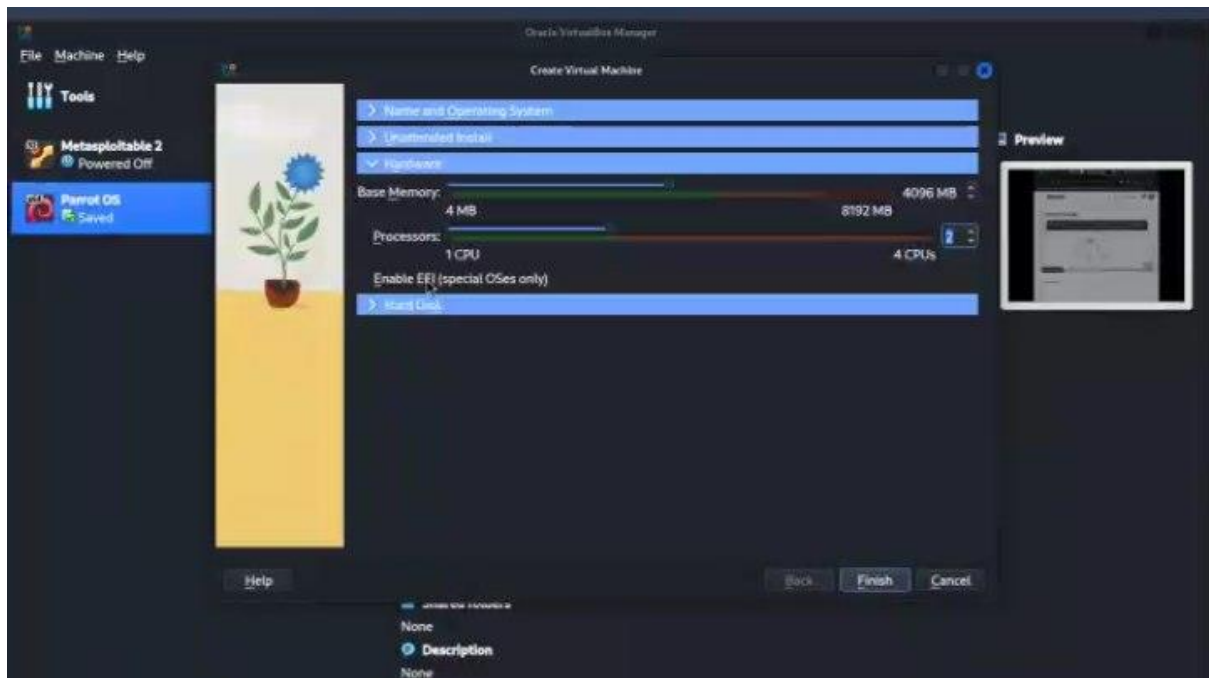
KALI LINUX [ATTECKER]

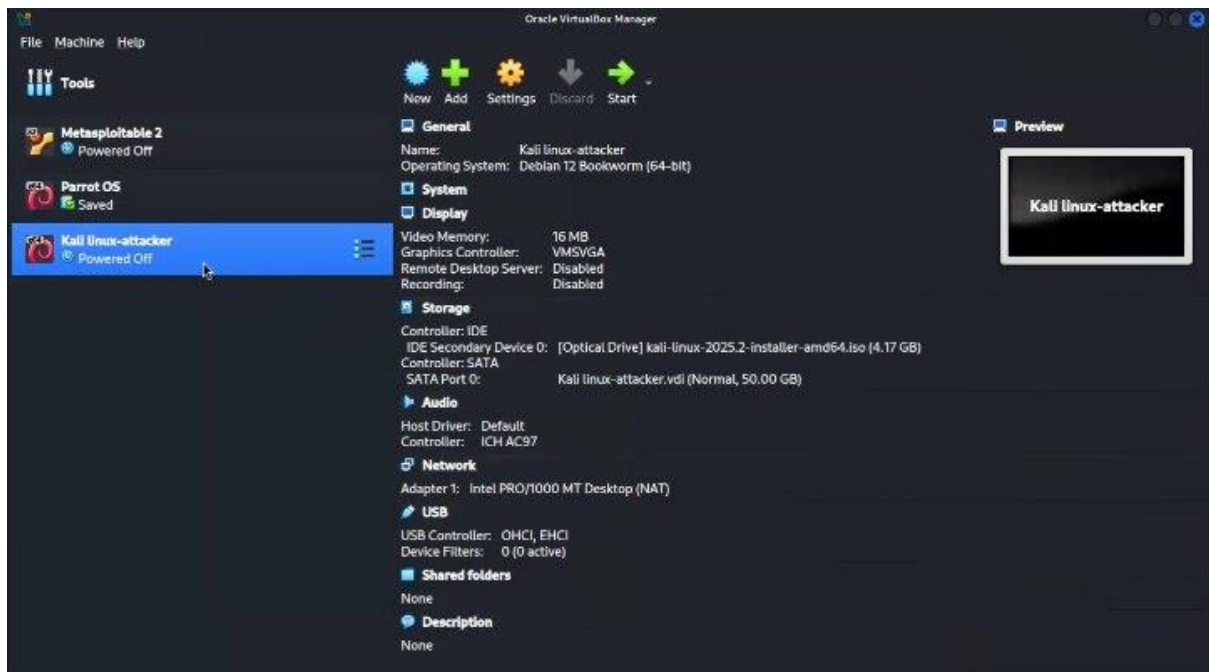
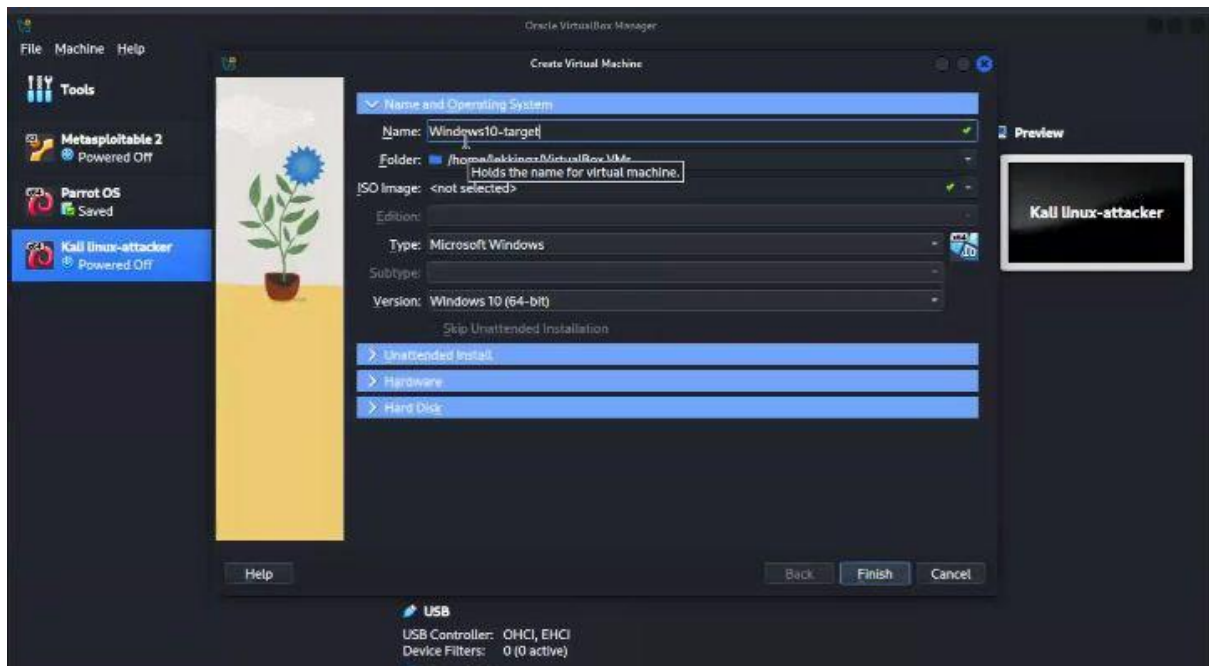




THE PROCESS OF DOWNLOADING KALI FROM THE WEB AND BOOTING IT ON OUR VIRTUAL MACHINE

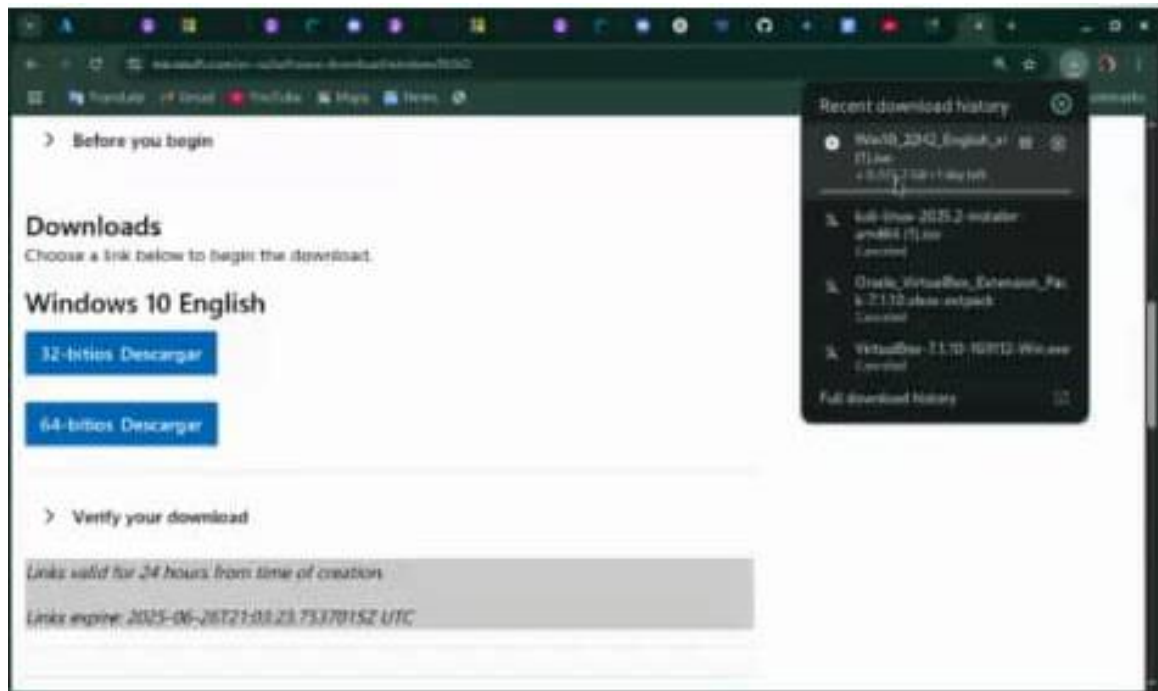






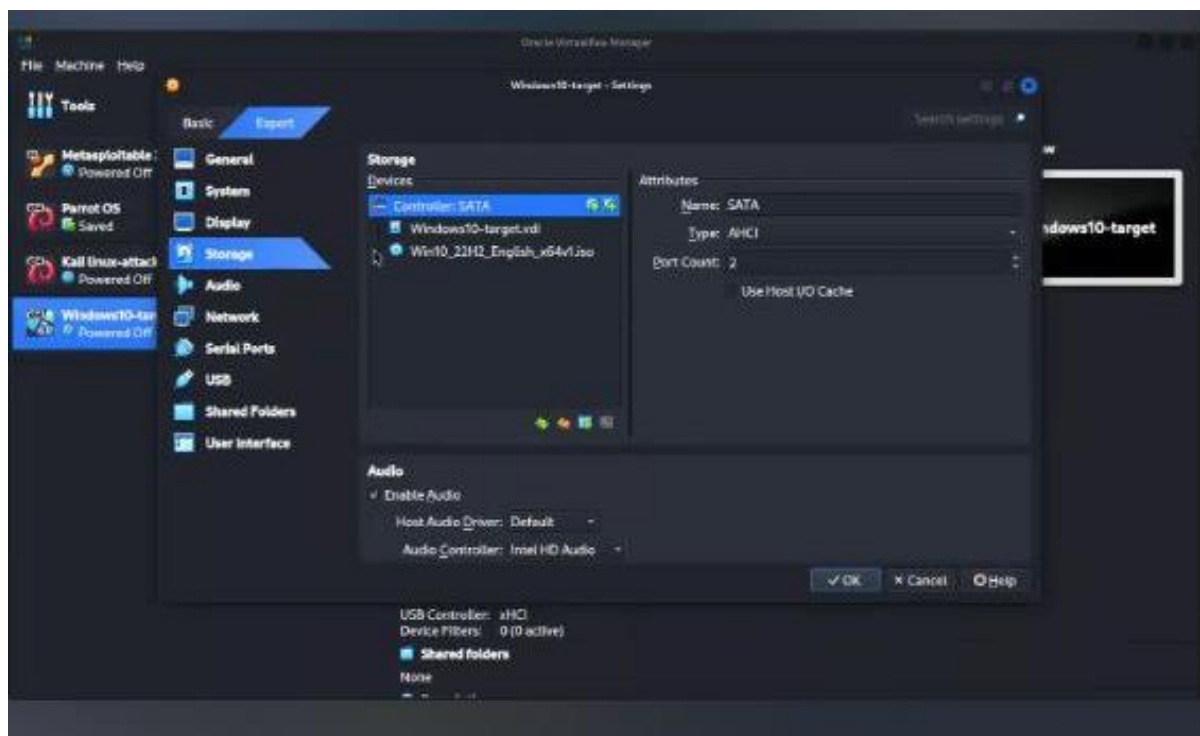
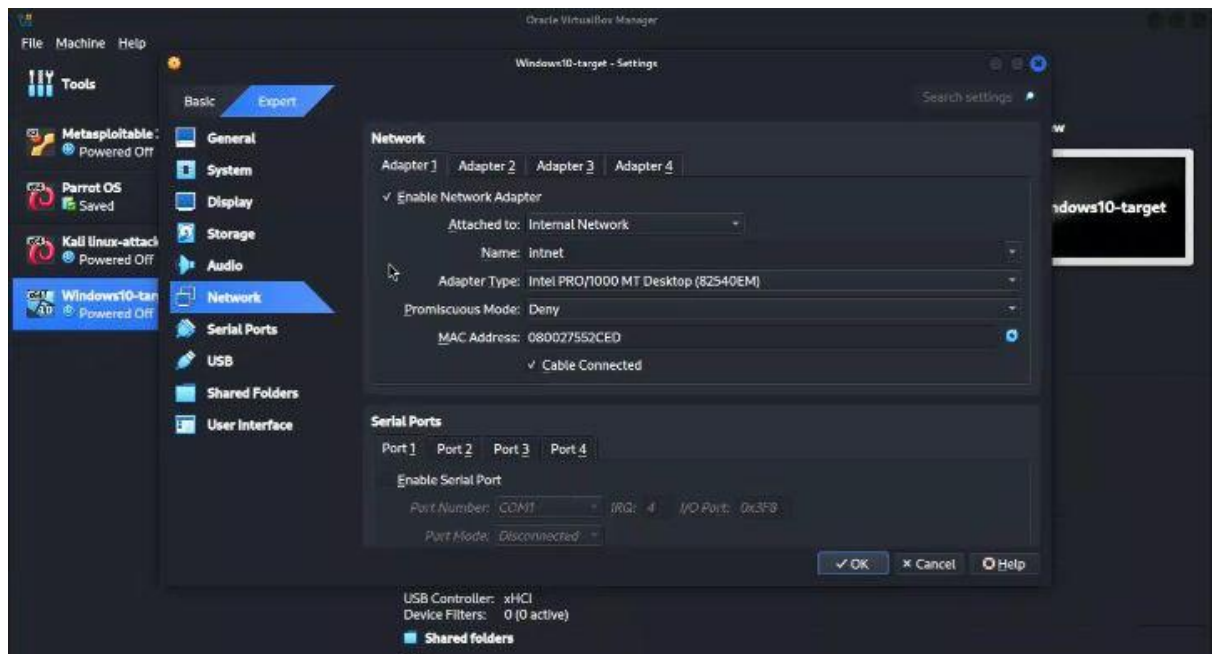
1. SETTING THE KALI ON OUR VIRTUAL BOX, THAT IS:
2. A NAME FOR OUR KALI MACHINE
3. SELECTING THE HARDWARE COMPONENTS
4. AND SETTING UP OUR NETWORK .

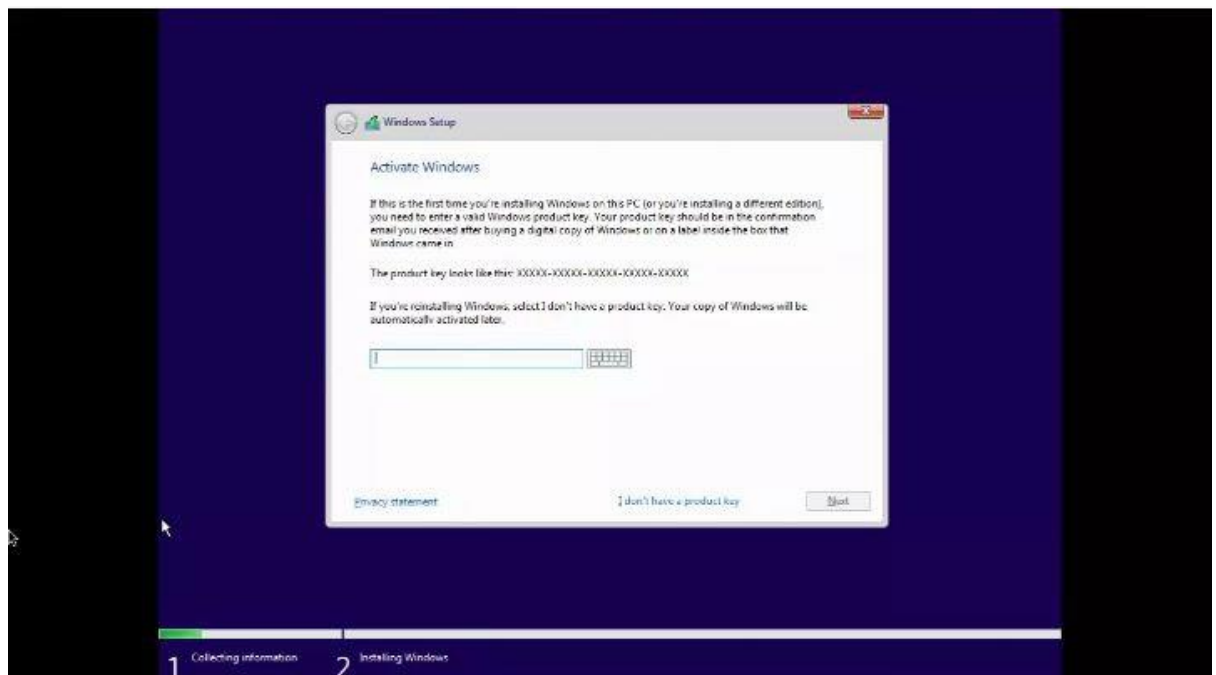
INSTALLATION OF WINDOWS 10[TARGET]

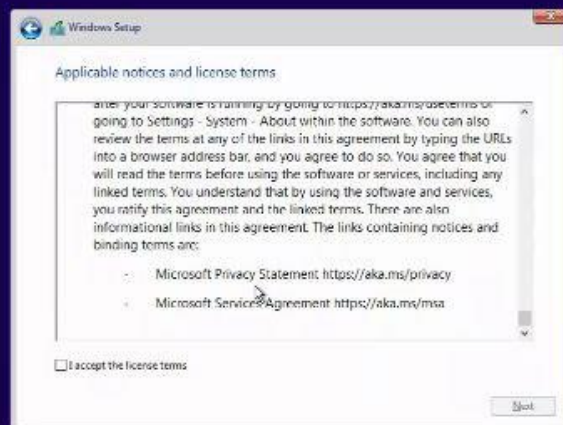
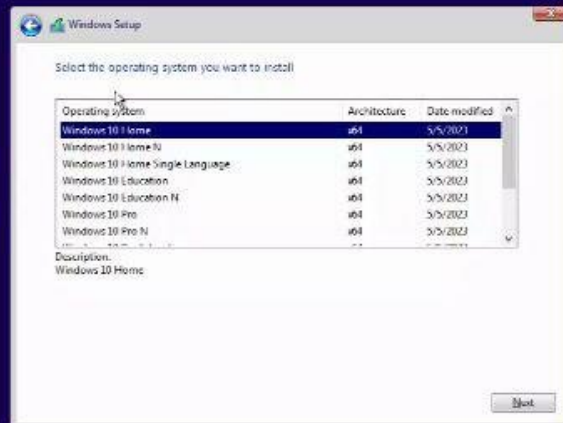


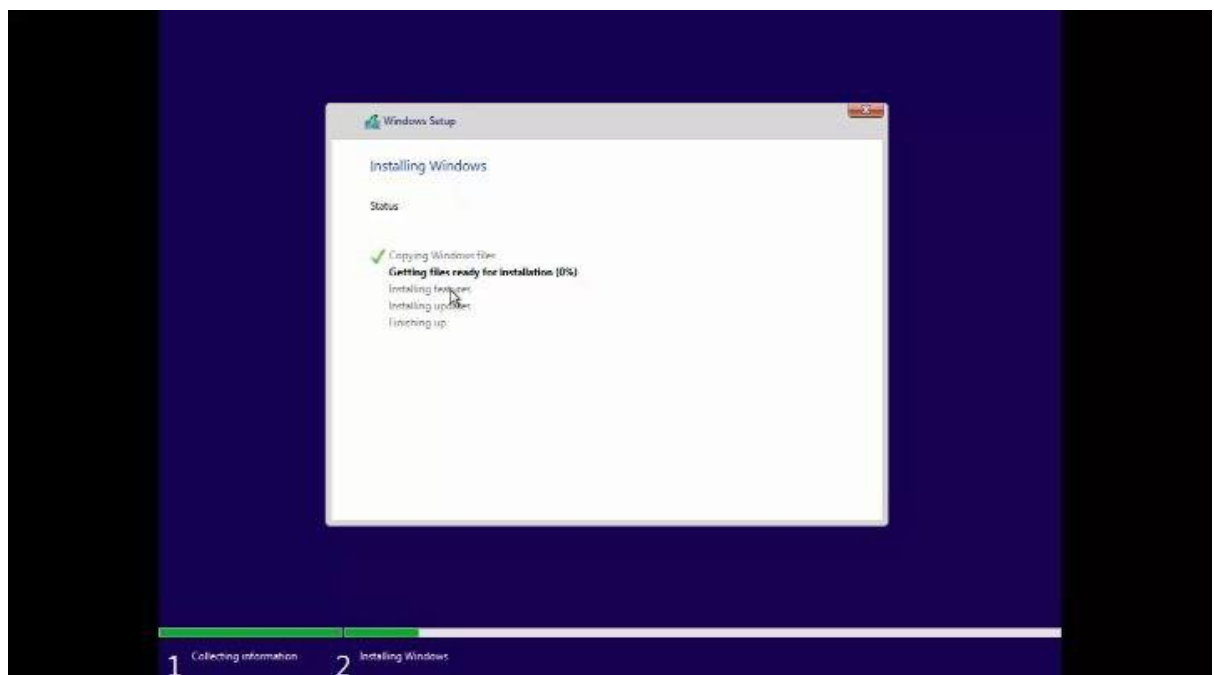
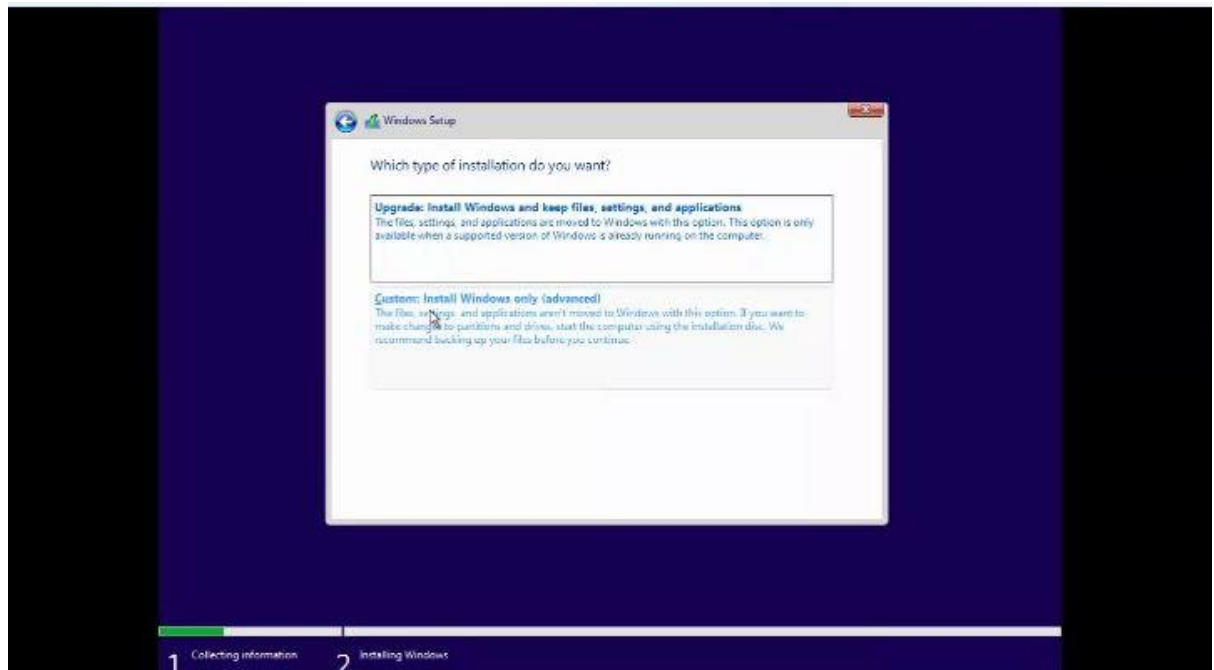
The downloading of windows 10 ISO on their website

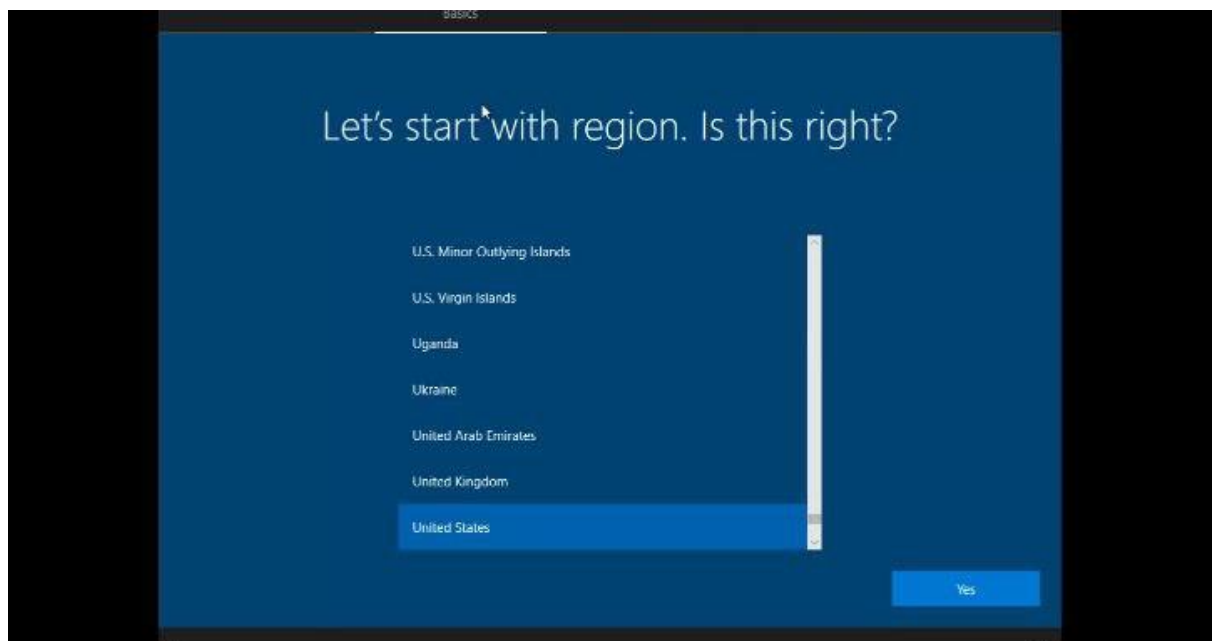
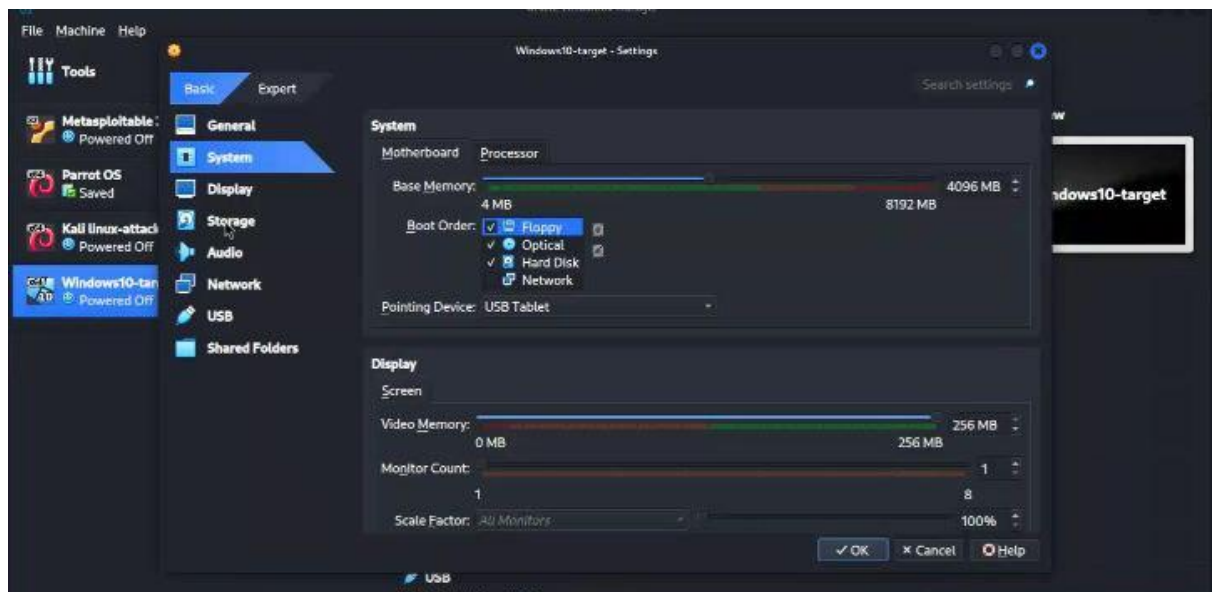
CONFIGURATION OF THE WINDOWS 10 ISO ON THE VIRTUAL BOX

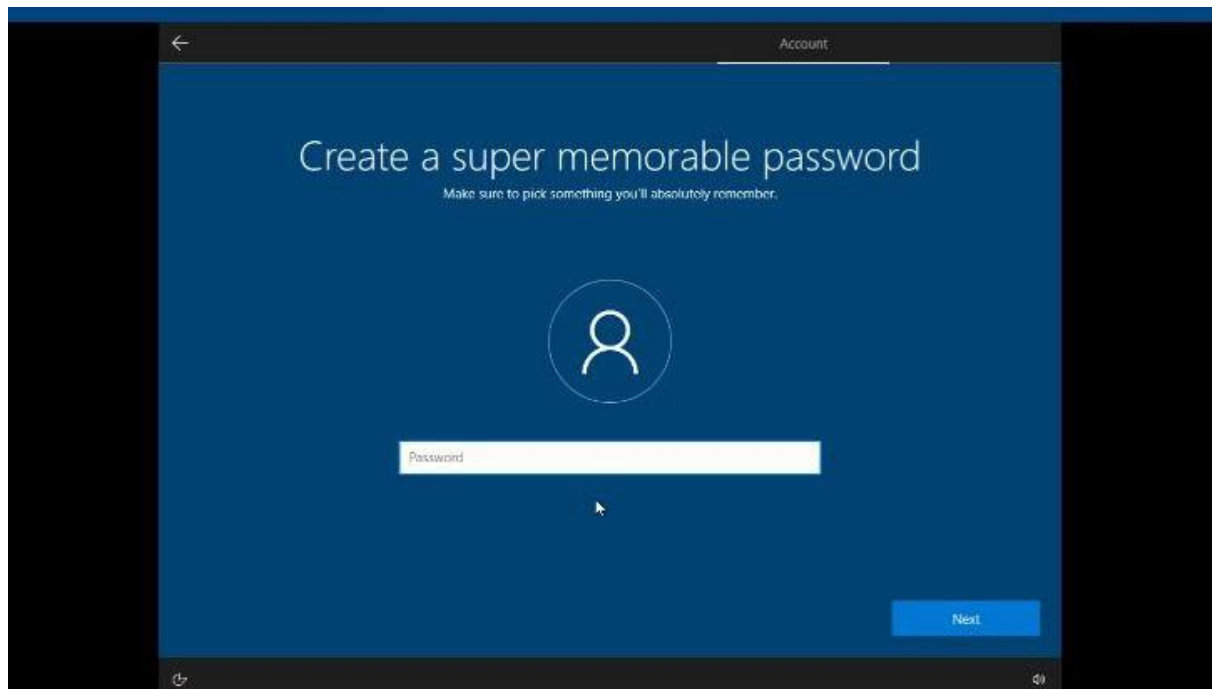


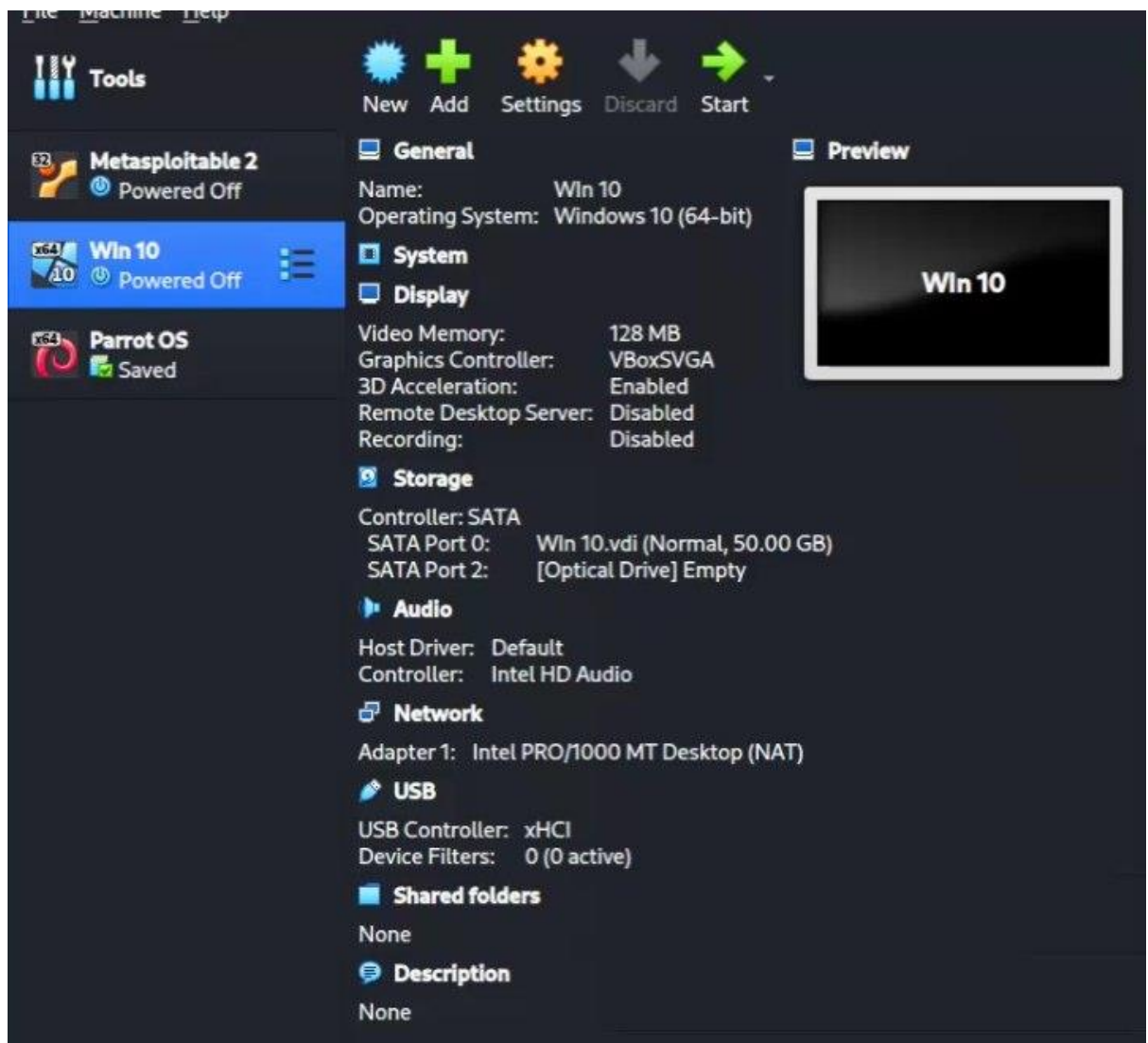
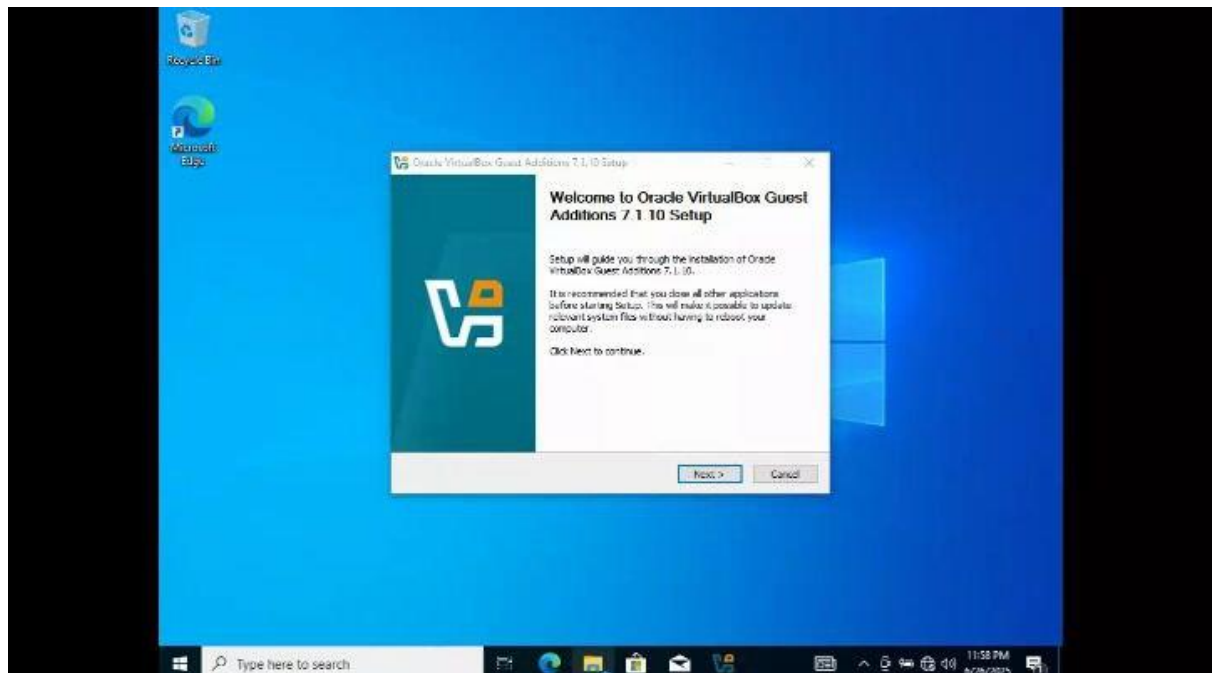




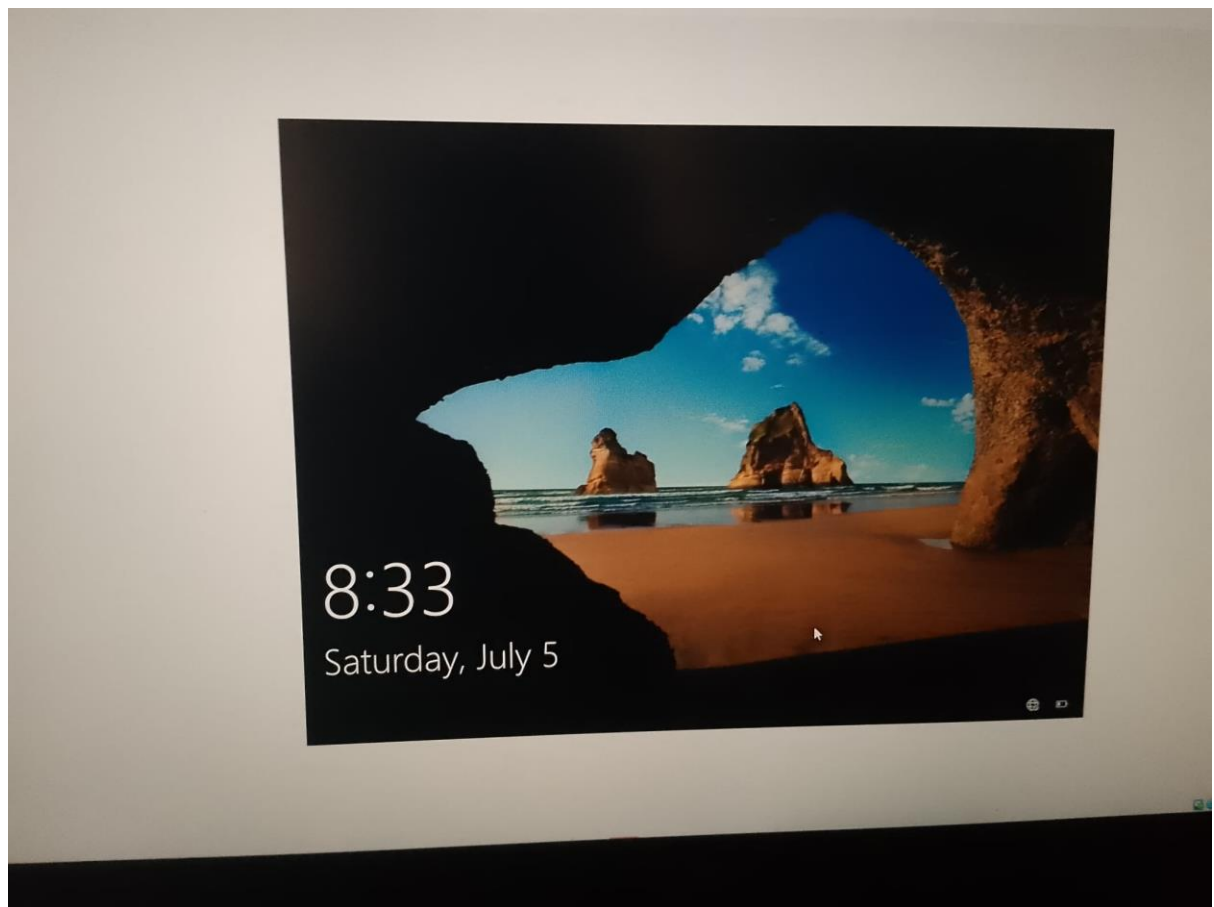


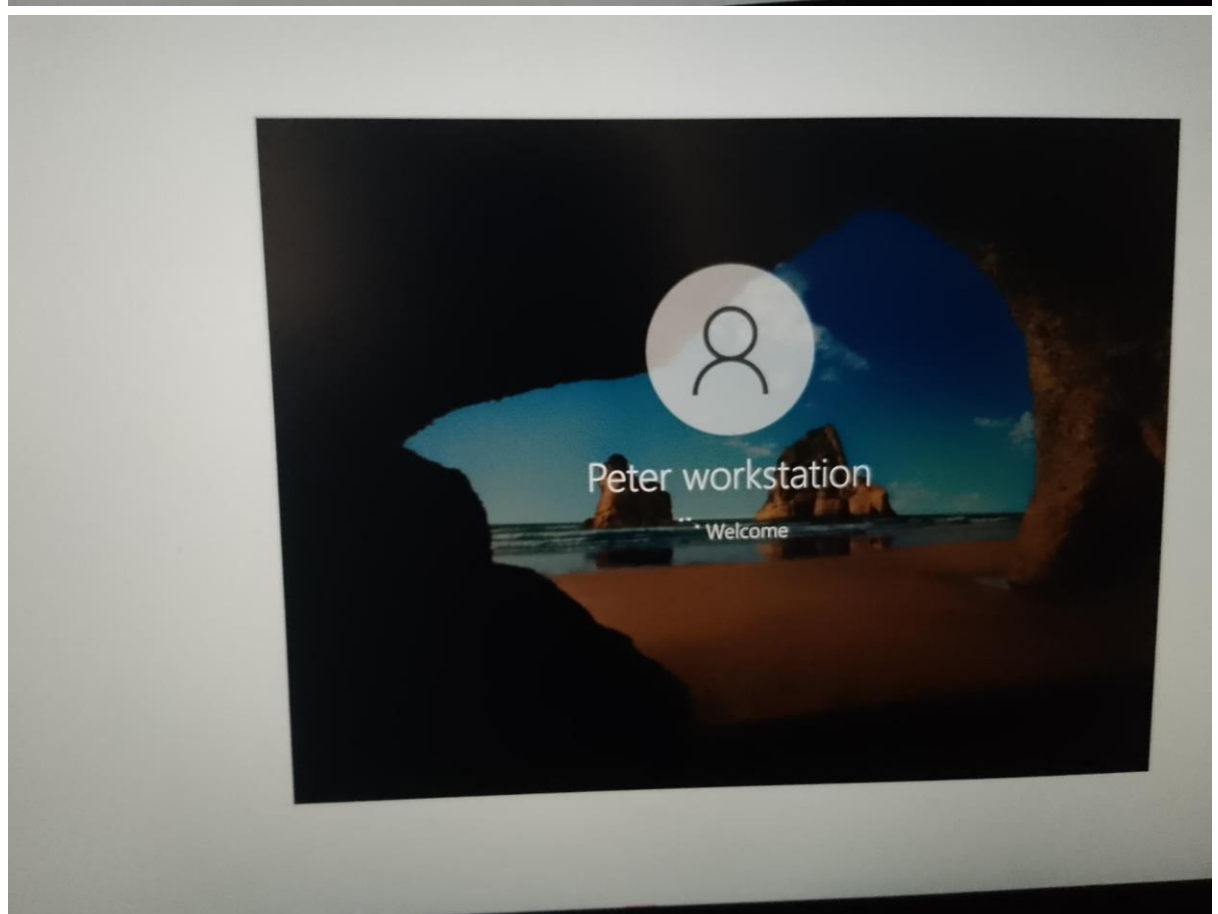
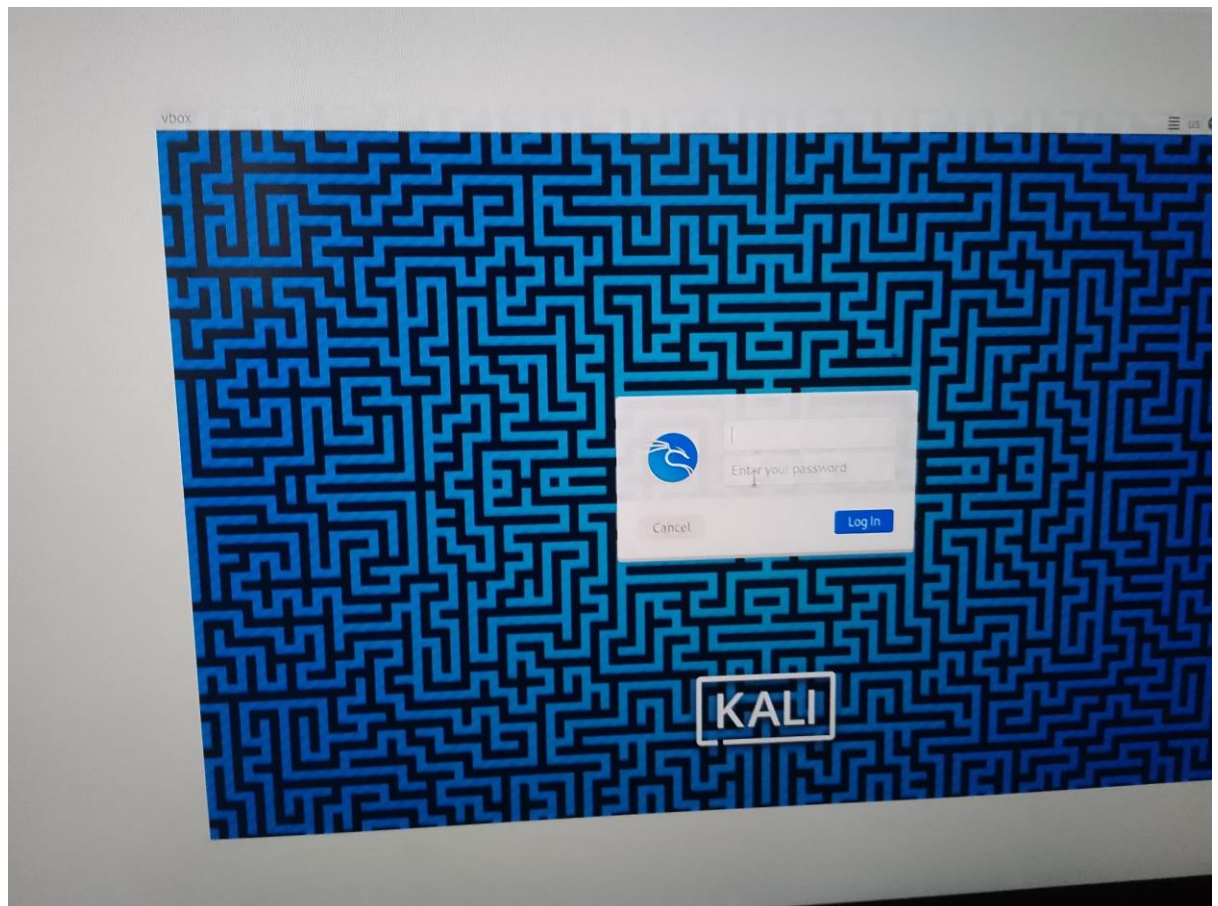






ASSIGNING OF STATIC IP ADDRESSES ON WINDOWS AND KALI





Network Connections


← ↑ << Network and Internet > Network Connections

Organize ▾ Disable this network device Diagnose this connection Rename th

Ethernet Properties








Networking

Connect using:

 Intel(R) PRO/1000 MT Desktop Adapter

Configure...

This connection uses the following items:

- ☒  Client for Microsoft Networks
- ☒  File and Printer Sharing for Microsoft Networks
- ☒  QoS Packet Scheduler
- ☒  Internet Protocol Version 4 (TCP/IPv4)
- ☐  Microsoft Network Adapter Multiplexor Protocol
- ☒  Microsoft LLDP Protocol Driver
- ☒  Internet Protocol Version 6 (TCP/IPv6)

Install...

Uninstall

Properties

Description

Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.

OK

Cancel

1 item 1 item selected

Type here to search

Network Connections

← → ↑ << Network and Internet >> Network Connections

Organize ▾

Disable this network device

Diagnose this connection

Rename this co



Ethernet

Unidentified network

Intel(R) PRO/1000 MT

Disable

Status

Diagnose

Bridge Connections

Create Shortcut

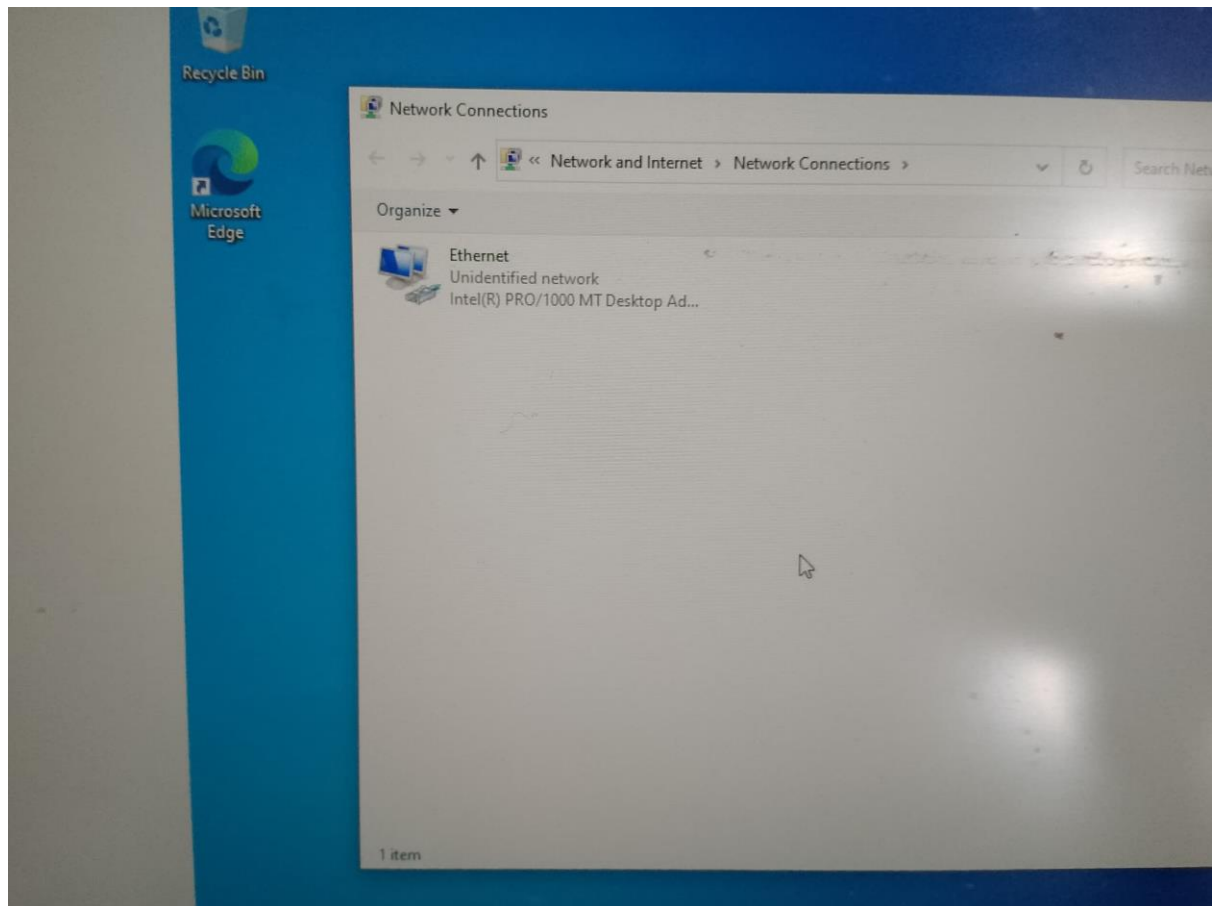
Delete

Rename

Properties

1 item 1 item selected

Type here to search



Network Connections

← ↑ << Network and Internet > Network Connections

Search

Disable this network device Diagnose this connection

Rename this connection >>

Ethernet Properties

Networking

Com

Th

1 item

Type here to search

Internet Protocol Version 4 (TCP/IPv4) Properties

General Alternate Configuration

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

☒ Obtain an IP address automatically

☐ Use the following IP address:

IP address:

Subnet mask:

Default gateway:

☒ Obtain DNS server address automatically

☐ Use the following DNS server addresses:

Preferred DNS server:

Alternate DNS server:

☐ Validate settings upon exit

Advanced...

OK

Cancel



Work Connections

Network and Internet > Network Connections

Disable this network device Diagnose this connection

Rename this connection

Ethernet Properties

Networking

Co

Th

1 item

Internet Protocol Version 4 (TCP/IPv4) Properties

General

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

☐ Obtain an IP address automatically

☒ Use the following IP address:

IP address: 192 . 168 . 1 . 10

Subnet mask: 255 . 255 . 255 . 0

Default gateway: . . .

☐ Obtain DNS server address automatically

☒ Use the following DNS server addresses:

Preferred DNS server: . . .

Alternate DNS server: . . .

☐ Validate settings upon exit

Advanced...

OK

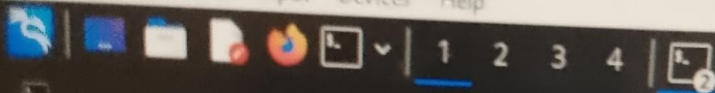
Cancel

be here to search



kali [Running] - Oracle VirtualBox

File Machine View Input Devices Help



File Actions Edit View Help

(peter@vbox)-[~]

\$ ip r

default via 192.168.101.72 dev eth0 proto dhcp src 192.168.101.123 metric 100
192.168.101.0/24 dev eth0 proto kernel scope link src 192.168.101.123 metric 10

(peter@vbox)-[~]

\$

kali [Running] - Oracle VirtualBox

File Machine View Input Devices Help



File Actions Edit View Help

(peter@vbox)-[~]

\$ ip r

default via 192.168.101.72 dev eth0 proto dhcp src 192.168.101.123 met
192.168.101.0/24 dev eth0 proto kernel scope link src 192.168.101.123

(peter@vbox)-[~]

\$ ifconfig

eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
inet 192.168.101.123 netmask 255.255.255.0 broadcast 192.168.
inet6 fe80::a00:27ff:fe8c:2799 prefixlen 64 scopeid 0x20<link>
ether 08:00:27:8c:27:99 txqueuelen 1000 (Ethernet)
RX packets 7 bytes 1276 (1.2 KiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 82 bytes 13685 (13.3 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 0x10<host>
loop txqueuelen 1000 (Local Loopback)
RX packets 8 bytes 480 (480.0 B)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 8 bytes 480 (480.0 B)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

(peter@vbox)-[~]

\$

00
c 100

.255



Network Connections



Name	Last Used
▼ Ethernet	
Wired connection 1	now



DELL

Connection name **Wired connection 1**

General

Ethernet

802.1X Security

DCB

Proxy

IPv4 Settings

Method **Manual**

Addresses

Address	Netmask	Gateway
192.168.1.10	255.255.255.0	192.168.1.1

DNS servers

Search domains

DHCP client ID

Require IPv4 addressing for this connection to complete

Editing Wired connection 1

Connection name **Wired connection 1**

General

Ethernet

802.1X Security

DCB

Proxy

IPv4 Settings

IPv6 Settings

Device

Cloned MAC address

MTU automatic

+ bytes

Wake on LAN

☒ Default
Ignore

Phy
Broadcast

Unicast
Arp

Multicast
Magic

Wake on LAN password

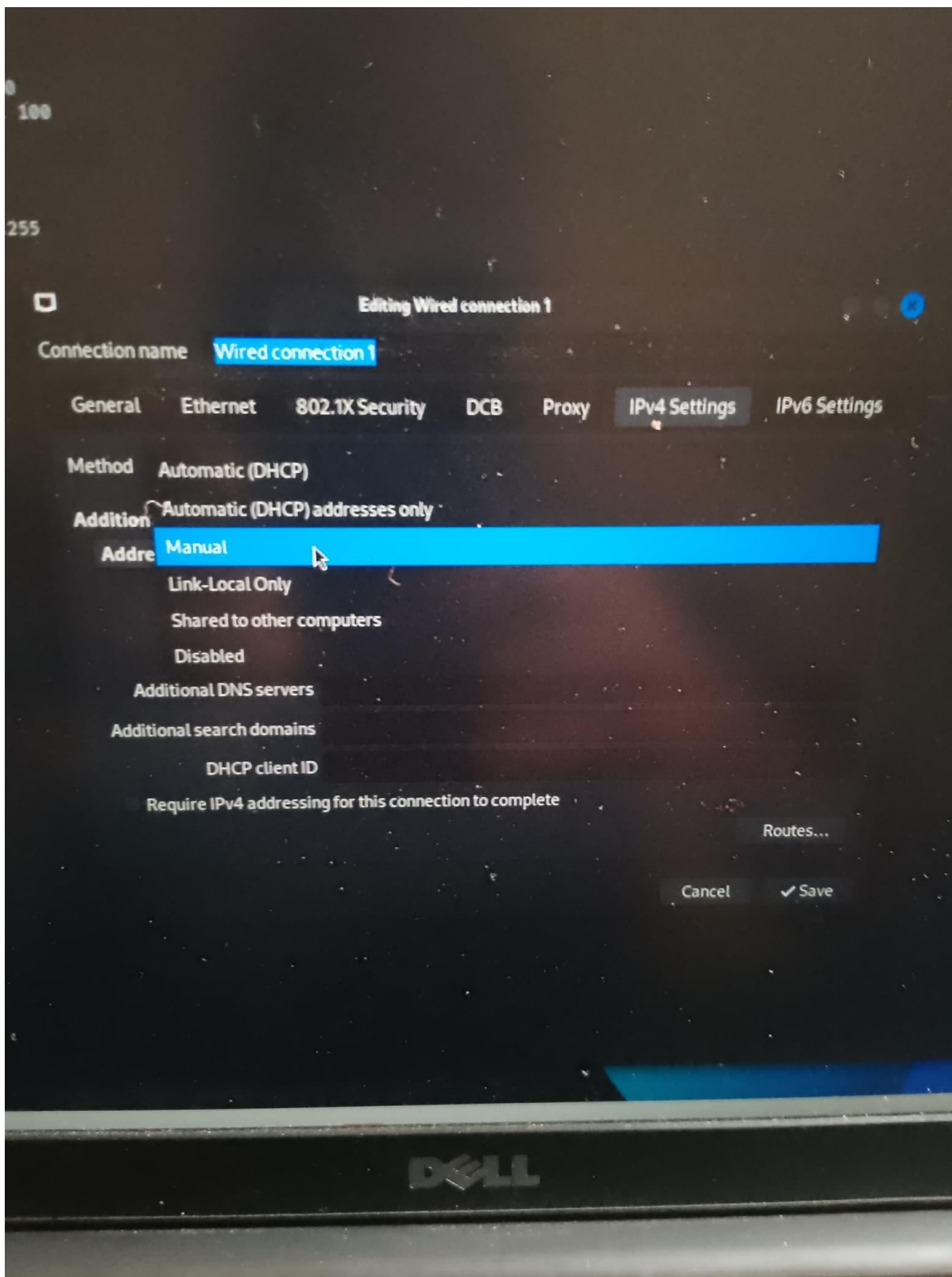
Link negotiation Ignore

Speed 100 Mb/s

Duplex Full

Cancel

✓ Save



peter@vbox: ~

100
ric 100

01.255



Editing Wired connection 1

Connection name **Wired connection 1**

General

Ethernet

802.1X Security

DCB

Proxy

IPv4 Settings

IPv6 Settings

Device

Cloned MAC address

The MAC address entered here will be used as hardware address for the network device this connection is activated on. This feature is known as MAC cloning or spoofing. Example:
00:11:22:33:44:55

Wake on LAN password

Link negotiation Ignore

Speed 100 Mb/s

Duplex Full

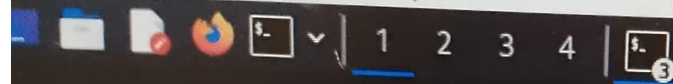
Cancel

✓ Save

DELL

unning] - Oracle VirtualBox

Machine View Input Devices Help



Actions Edit View Help

peter@vbox)-[~]

ifconfig

```
flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
inet 192.168.1.10 netmask 255.255.255.0 broadcast 192.168.1.255
inet6 fe80::8a22:754a:b403:cf7b prefixlen 64 scopeid 0x20<link>
ether 08:00:27:8c:27:99 txqueuelen 1000 (Ethernet)
RX packets 7 bytes 420 (420.0 B)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 26 bytes 3613 (3.5 KiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

```
Flags=73<UP,LOOPBACK,RUNNING> mtu 65536
inet 127.0.0.1 netmask 255.0.0.0
inet6 ::1 prefixlen 128 scopeid 0x10<host>
loop txqueuelen 1000 (Local Loopback)
RX packets 8 bytes 480 (480.0 B)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 8 bytes 480 (480.0 B)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

peter@vbox)-[~]

kali [Running] - Oracle VirtualBox

File Machine View Input Devices Help



1

2

3

4



File Actions Edit View Help

(peter@vbox)-[~]

