

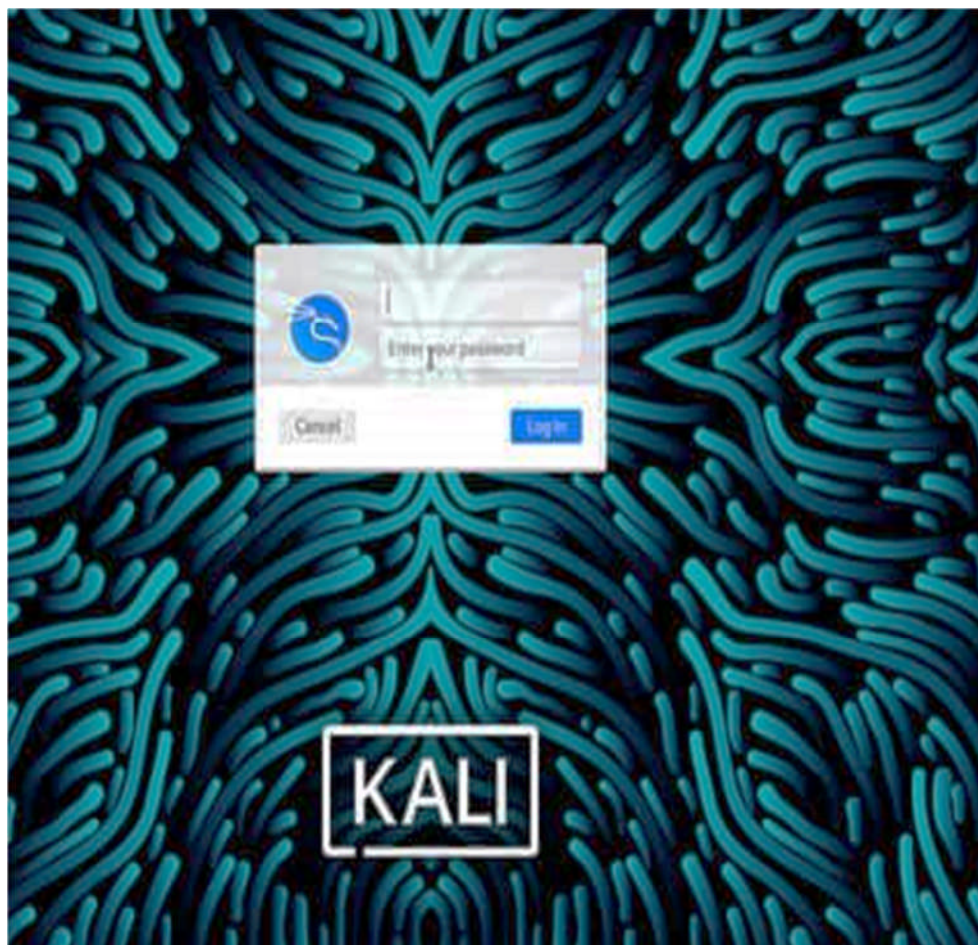
EDUNET FOUNDATION-Class Exercise

LAB 1- Login into Kali Linux & check IP

Step-1: login to Kali Linux

The default credentials on Kali Linux are:

- – **login: kali**
- – **password: kali**
- It is strongly recommended that you change these credentials quickly.
- You can change it by opening a terminal and typing the command:
- Passwd



Step-2: Run the following command in Terminal

- Whatever your connection mode, you can check the IP address obtained with the ifconfig
- command: **sudo ifconfig**

```
kali@kali: ~  
File Actions Edit View Help  
kali@kali:~$ sudo ifconfig  
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500  
    inet 192.168.222.31 netmask 255.255.255.0 broadcast 192.168.222.255  
    inet6 fe80::dea6:32ff:fe03:81a7 prefixlen 64 scopeid 0x20<link>  
    ether dc:a6:32:03:81:a7 txqueuelen 1000 (Ethernet)  
    RX packets 1446 bytes 286927 (280.2 KiB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 56 bytes 4751 (4.6 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 400 (400.0 B)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 8 bytes 400 (400.0 B)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
wlan0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500  
    ether da:d1:a4:dc:6b:11 txqueuelen 1000 (Ethernet)  
    RX packets 0 bytes 0 (0.0 B)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 0 bytes 0 (0.0 B)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
kali@kali:~$
```

Step-3 You can View IP Addresses

List all IP addresses related to the interfaces on the system by piping **ifconfig** with **grep**

ifconfig | grep inet

```
kali@kali:~$ ifconfig | grep inet
inet 10.255.255.255 netmask 255.0.0.0 broadcast 10.255.255.255
inet6 fe80::c912:d4bf:3acb:f531 prefixlen 64 scopeid 0x20<link>
inet 127.0.0.1 netmask 255.0.0.0
inet6 ::1 prefixlen 128 scopeid 0x10<host>
```