Securium fox Technologies Pvt Ltd

Internship Day-7

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1. **IFCONFIG** : Interface Configuration

eth0 - represents ethernet.
lo - represents local host.

```
┌──(root💀kali)-[~]
└─# ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 192.168.87.129  netmask 255.255.255.0  broadcast 192.168.87.255
        inet6 fe80::20c:29ff:fefd:a7c3  prefixlen 64  scopeid 0x20<link>
        ether 00:0c:29:fd:a7:c3  txqueuelen 1000  (Ethernet)
        RX packets 3559  bytes 340850 (332.8 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 326  bytes 34856 (34.0 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 64  bytes 3400 (3.3 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 64  bytes 3400 (3.3 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
```

2. **ADDUSER**

adduser command in Linux is used to add a new user to your current Linux machine. This command allows you to modify the configurations of the user which is to be created. It is similar to the useradd command in Linux.

```
┌──(root💀kali)-[~]
```

```
└─# adduser rvr1
Adding user `rvr1' ...

Adding new group `rvr1' (1004) ...
Adding new user `rvr1' (1003) with group `rvr1' ...
Creating home directory `/home/rvr1' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for rvr1
Enter the new value, or press ENTER for the default
        Full Name []: RVRJC
        Room Number []:
        Work Phone []:
        Home Phone []:
        Other []:
Is the information correct? [Y/n] y
```

Changing the shell of new user: chsh

```
──(root💀kali)-[~]
└─# cd /home
┌──(root💀kali)-[/home]
└─# ls
kali  output.txt  rvr1  teja  vardhan
┌──(root💀kali)-[/home]
└─# su rvr1
┌──(rvr1㊅kali)-[/home]
└─$ echo $SHELL
/bin/bash


┌──(rvr1㊅kali)-[/home]
└─$ chsh -s /usr/bin/zsh
Password:


┌──(rvr1㊅kali)-[/home]
└─$ cd ..


┌──(rvr1㊅kali)-[/]
```

```
└$ exit
exit
┌──(root💀kali)-[/home]
└# su rvr1
┌──(rvr1㉿kali)-[/home]
└$ echo $SHELL
/usr/bin/zsh
```

3. IP ADDR

Gives ip address

```
┌──(rvr1㉿kali)-[/home]
└$ ip addr                                                    127 ×
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group
default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state
UP group default qlen 1000
    link/ether 00:0c:29:fd:a7:c3 brd ff:ff:ff:ff:ff:ff
    inet 192.168.87.129/24 brd 192.168.87.255 scope global dynamic
noprefixroute eth0
       valid_lft 1036sec preferred_lft 1036sec
    inet6 fe80::20c:29ff:fefd:a7c3/64 scope link noprefixroute
       valid_lft forever preferred_lft forever
```

4. LOCATE

Locate uses the index of the file in the database table to locate the file. So
after a new file/directory creation database needs to be updated to index
the new file.
To update the database there a 2 ways:
--To logout from the user and again login.
--To update manually.

```
──(root💀kali)-[~]
└# locate rvr
/usr/share/X11/xkb/symbols/srvr_ctrl
```

```
/usr/share/gdal/ogrvrt.xsd
/usr/share/metasploit-
framework/modules/exploits/windows/misc/landesk_aolnsrvr.rb


┌──(root💀kali)-[~]
└─# updatedb
┌──(root💀kali)-[~]
└─# cd /home
┌──(root💀kali)-[/home]
└─# ls
kali  output.txt  rvr1  teja  vardhan
┌──(root💀kali)-[/home]
└─# cd ..
┌──(root💀kali)-[/]
└─# ls
bin   home            lib32       media   root  sys  vmlinuz
boot  initrd.img      lib64       mnt     run   tmp  vmlinuz.old
dev   initrd.img.old  libx32      opt     sbin  usr
etc   lib             lost+found  proc    srv   var
┌──(root💀kali)-[/]
└─# locate rvr
/home/rvr1
/home/rvr1/.bash_history
/home/rvr1/.bash_logout
/home/rvr1/.bashrc
/home/rvr1/.bashrc.original
/home/rvr1/.face
/home/rvr1/.face.icon
/home/rvr1/.profile
/home/rvr1/.zsh_history
/home/rvr1/.zshrc
/usr/share/X11/xkb/symbols/srvr_ctrl
/usr/share/gdal/ogrvrt.xsd
/usr/share/metasploit-
framework/modules/exploits/windows/misc/landesk_aolnsrvr.rb
```