

Setting Static IP on Ubuntu Server:

Setting static ip is necessary because splunk get all info from window active directory server, if ip address is not static then it will send info to other machine and it will lost.

2 way to setting static ip address.

- ❖ Login to the ubuntu server.
- ❖ Go to terminal
- ❖ Type the following command their

`cd /etc/netplan/` (go to netplan)

`ls` (see what have their)

`cat 00-installer-config.yaml` (read file info)

A terminal window with a dark purple background. The prompt is 'root@osboxes: /etc/netplan/'. The user enters 'cd /etc/netplan/' and the prompt changes to 'root@osboxes:/etc/netplan#'. Then they enter 'ls' and the output is '00-installer-config.yaml'. Next, they enter 'cat 00-installer-config.yaml' and the output shows a network configuration for 'ens33' with 'dhcp4: true' and 'version: 2'.

```
root@osboxes: /etc/netplan/
root@osboxes:/etc/netplan# cd /etc/netplan/
root@osboxes:/etc/netplan# ls
00-installer-config.yaml
root@osboxes:/etc/netplan# cat 00-installer-config.yaml
# This is the network config written by 'subiquity'
network:
  ethernets:
    ens33:
      dhcp4: true
      version: 2
root@osboxes:/etc/netplan#
```

Dhcp is configure. So change it.

- ❖ Open the using the following command

`nano 00-installer-config.yaml`

- ❖ Remove the text that have their
- ❖ Write the new text their that given below:

```
network:
  renderer: networkd
  ethernets:
    ens33:
      addresses:
        - 192.168.5.1/24
      nameservers:
```

addresses: [4.2.2.2, 8.8.8.8]

routes:

- to: default

via: 192.168.5.254

version: 2

- ❖ Save it and exit
- ❖ If you check the ip it is still same

```
root@osboxes: /etc/netplan
root@osboxes:/etc/netplan# ifconfig
ens33: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.5.2 netmask 255.255.255.0 broadcast 192.168.5.255
    inet6 fe80::20c:29ff:feca:b0f8 prefixlen 64 scopeid 0x20<link>
    ether 00:0c:29:ca:b0:f8 txqueuelen 1000 (Ethernet)
    RX packets 493038 bytes 686813364 (686.8 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 167624 bytes 13676509 (13.6 MB)
    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>
```

- ❖ Run the command for apply the netplan setting
netplan start
- ❖ Then check the ip address

```
root@osboxes: /etc/netplan
root@osboxes:/etc/netplan# ifconfig
ens33: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.5.1 netmask 255.255.255.0 broadcast 192.168.5.255
    inet6 fe80::20c:29ff:feca:b0f8 prefixlen 64 scopeid 0x20<link>
    ether 00:0c:29:ca:b0:f8 txqueuelen 1000 (Ethernet)
    RX packets 493092 bytes 686823521 (686.8 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 167702 bytes 13685676 (13.6 MB)
    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>
```

Now it is static

2nd method:

Go to the firewall

Remove the ubuntu server (splunk) from dhcp

Assign static ip to it

If you find any problem then search it.