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)

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# 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# 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.