How to set Static Ip address in Ubuntu Server

How to set Static Ip address in Ubuntu Server environment, you need to modify the file in the /etc/netplan/ directory.

It's usually a yaml file, named something similar to "00-installer-config.yaml" without the quotes, but your file maybe named something slightly different..

<u>Be Advised</u>,
yaml files are space sensitive, meaning after every few lines you will want to indent (I personally indent 2 spaces for every few lines).

<u>Be Advised</u>,
whenever you see the # symbol, this is a comment or a note which will be ignored by the computer system, and <u>won't be executed</u> by the computer.

You will want to modify the yaml file per example below --

Network:
  version: 2 **<u>#indent by 2 lines from the line above this one</u>**
  ethernets:
   ens33: **<u>#indent by 2 lines from the line above this one</u>**
    addresses: [Your-Static-Ip/24] **<u>#indent by 2 lines from the line above this one</u>**
    gateway4: Your-Default-Ip
    nameservers:
     addresses: [Your-Default-Ip, 8.8.8.8] **<u>#indent by 2 lines from the line above this one</u>**

Save the yaml file, and then go to the next step below.

To check the new configuration yaml file after applying the changes, we Need to run these commands:

>$ sudo netplan try

#then run the next command

>$ sudo netplan apply

Trust me, you will know if the commands above worked or not, because if it didn't you will see errors, and if you have errors, just read them and make the necessary adjustments.

When editing the file, make sure the Ethernet interface name (in the yaml file example that would be → **ens33**) must match with the one we see when running the command below

>$ ip address **#example output below**
2: **ens33**: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
   link/ether ff:ff:ff:ff:ff:ff brd ff:ff:ff:ff:ff:ff
   inet 192.xxx.xx.xx/24 brd 192.168.x.xxx scope global dynamic noprefixroute enxd8d090102f01
     valid_lft 78072sec preferred_lft 78072sec
   inet6 fe80::xxxxxxxxxxxx/64 scope link noprefixroute
     valid_lft forever preferred_lft forever

And then that's it, once you have run the commands and followed the instructions above, you will be done.

If you would like to view the video that explains this, go to the YouTube link
[Keepit Techie](#) = Ubuntu Server 22.04
[keepit Techie](#) = Ubuntu Server 20.04

I hope this document has helped you, thanks for viewing.