

# Linux - Netplan

This new tool replaces the static interfaces (**/etc/network/interfaces**) on ubuntu 18.04

## DHCP

```
network:
  version: 2
  renderer: networkd
  ethernets:
    ens33:
      dhcp4: yes
      dhcp6: no
```

## Static IP

```
network:
  version: 2
  renderer: networkd
  ethernets:
    ens33:
      dhcp4: no
      dhcp6: no
      addresses: [192.168.1.2/24]
      gateway4: 192.168.1.1
      nameservers:
        addresses: [8.8.8.8,8.8.4.4]
    ens34:
      dhcp4: no
      dhcp6: no
      addresses: [192.168.1.3/24]
```

## Apply changes

```
netplan apply
```

netplan apply does not require a service restart or a reboot

# NetworkManager

Configuring with wifi nic

```
network:
  version: 2
  renderer: NetworkManager
  wifis:
    wlx7c8bca0d69b6:
      dhcp4: no
      addresses: [192.168.1.100/24]
      gateway4: 192.168.1.1
      nameservers:
        addresses: [192.168.1.1,8.8.8.8]
      access-points:
        Raj:
          password: MyPass
```

## Links:

<https://netplan.io/>

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