



## Mission 2 : DHCP

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Paramétrage du réseaux en IP Fixe :

```
etudiant@debian:~$ cat /etc/network/interfaces
# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).

source /etc/network/interfaces.d/*

# The loopback network interface
auto lo
iface lo inet loopback

# The primary network interface
allow-hotplug ens3
iface ens3 inet static
    address 172.16.53.2/24
    gateway 172.16.53.254
    # dns-* options are implemented by the resolvconf package, if installed
    dns-nameservers 1.1.1.1
etudiant@debian:~$
```

Mise à jours du serveur et redémarrage :

```
sudo apt update && sudo apt upgrade -y && sudo reboot now
```

Installation du service DHCP :

```
sudo apt install kea-dhcp4-server -y
```

Sauvegarde du fichier de configuration d'origine :

```
sudo mv /etc/kea/kea-dhcp4.conf /etc/kea/kea-dhcp4.conf.bak
```

Confirmation de la carte réseau utilisé pour le DHCP (ici ens3) :

```
etudiant@debian:~$ ip a
2: ens3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP
group default qlen 1000
    link/ether 50:6b:8d:9e:cf:ef brd ff:ff:ff:ff:ff:ff
    altname enp0s3
    inet 172.16.53.2/24 brd 172.16.53.255 scope global ens3
        valid_lft forever preferred_lft forever
    inet6 fe80::526b:8dff:fe9e:cfef/64 scope link
        valid_lft forever preferred_lft forever
```