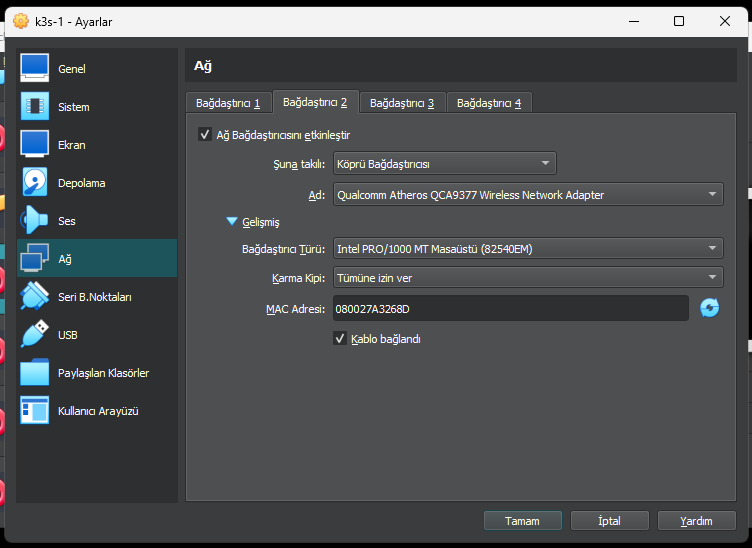
statıc ıp confıguratıon

Ahmet Oğuz Ergin

# Add New Network Device to VM



Check information of the device. enp0s8 is added without ip address.

root@k3s-4:~# ip link show

1: lo: <LOOPBACK,UP,LOWER\_UP> mtu 65536 qdisc noqueue state UNKNOWN mode DEFAULT group default qlen 1000

    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00

2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER\_UP> mtu 1500 qdisc fq\_codel state UP mode DEFAULT group default qlen 1000

    link/ether 08:00:27:5d:35:58 brd ff:ff:ff:ff:ff:ff

3: enp0s8: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN mode DEFAULT group default qlen 1000

    link/ether 08:00:27:84:d1:ea brd ff:ff:ff:ff:ff:ff

root@k3s-4:~#

root@k3s-4:~#

root@k3s-4:~# ip a

1: lo: <LOOPBACK,UP,LOWER\_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000

    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00

    inet 127.0.0.1/8 scope host lo

       valid\_lft forever preferred\_lft forever

    inet6 ::1/128 scope host noprefixroute

       valid\_lft forever preferred\_lft forever

2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER\_UP> mtu 1500 qdisc fq\_codel state UP group default qlen 1000

    link/ether 08:00:27:5d:35:58 brd ff:ff:ff:ff:ff:ff

    inet 192.168.1.152/24 brd 192.168.1.255 scope global dynamic enp0s3

       valid\_lft 85143sec preferred\_lft 85143sec

    inet6 fe80::a00:27ff:fe5d:3558/64 scope link

       valid\_lft forever preferred\_lft forever

3: enp0s8: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN group default qlen 1000

    link/ether 08:00:27:84:d1:ea brd ff:ff:ff:ff:ff:ff

root@k3s-4:~#

# Set static ip address

Configure **interfaces** file and add last block.

nano /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 enp0s3

iface enp0s3 inet dhcp

**# My secondary static network interface**

auto enp0s8

iface enp0s8 inet static

    address 192.168.1.21

    netmask 255.255.255.0

    gateway 192.168.1.1

    dns-nameservers 8.8.8.8 8.8.4.4

Restart service with

systemctl restart networking

Check service again:

root@k3s-4:~# ip addr show enp0s8

3: enp0s8: <BROADCAST,MULTICAST,UP,LOWER\_UP> mtu 1500 qdisc fq\_codel state UP group default qlen 1000

    link/ether 08:00:27:84:d1:ea brd ff:ff:ff:ff:ff:ff

    inet 192.168.1.24/24 brd 192.168.1.255 scope global enp0s8

       valid\_lft forever preferred\_lft forever

    inet6 fe80::a00:27ff:fe84:d1ea/64 scope link

       valid\_lft forever preferred\_lft forever