Testbed Setup Step :
Network Setup

- HA
    - mip-h
    - mip-r
- R
    - mip-r
    - Mip-f
- CN
    - Mip-f
- MN
    - mip-h
    - Mip-f

$ ip address
$ nmcli connection
$ nmcli connection edit $uuid

    nmcli> set ipv6.addresses 2001:db8:aaa
    nmcli>set ipv6.method static/ manual
    nmcli> set ipv6.routes net/mask next-hop
    nmcli>save persistent
    nmcli>quit

Micro /etc/sysctl.d/zz-mip6.conf

net.ipv6.conf.all.forwarding = 1
net.ipv6.conf.all.accept_ra = 0
net.ipv6.conf.all.autoconf = 0
net.ipv6.conf.all.accept_redirect = 0

net.ipv6.conf.all.forwarding = 0
net.ipv6.conf.all.accept_ra = 1
net.ipv6.conf.all.autoconf = 1
net.ipv6.conf.all.accept_redirect = 1

/etc/radvd.conf
systemctl start radvd - start now
systemctl enable radvd - booting

- Make changes in the mip6d.conf

How To Run the testbed:

Open HA & R - bcz they should start the router Advertisement such that if radvd will not work then other cant configure the network
Sudo su
Systemctl status radvd

Open MN & CN (If opened early then network configuration may fail)

<mark>MN/CN:</mark>
nmcli c -> To check network configuration
Ip address

Ping each other

CN :
Start mip6d
HA:
Start mip6d
MN:
Start mip6d

Check the tunnel in MN

Ping from CN to MN(New Address)

Check the status in HA

Go to MN & check IP