Configuration files

HA

/etc/radvd.conf

```
interface eth0
{
AdvSendAdvert on;
AdvIntervalOpt off;
AdvHomeAgentFlag on;
MaxRtrAdvInterval 3;
MinRtrAdvInterval 1;
HomeAgentLifetime 10000;
HomeAgentPreference 20;
AdvHomeAgentInfo on;
prefix 2001:db8:aaaa:3::1/64
{
AdvRouterAddr on;
AdvOnLink on;
AdvAutonomous on;
AdvPreferredLifetime 10000;
AdvValidLifetime 12000;
};
};
```

/etc/mip6d.conf

```
NodeConfig HA;
DebugLevel 10;
DoRouteOptimizationCN enabled;
Interface "eth0";
UseMnHaIPsec disabled;
```

/etc/NetworkManager/system-connections/*

enp0s8

```
[ipv6]
```

```
address1=2001:db8:aaaa:3::1/64
method=manual
```

enp0s9

```
[ipv6]
address1=2001:db8:aaaa:2::2/64
method=manual
route1=2001:db8:aaaa:1::/64,2001:db8:aaaa:2::1
```

R

/etc/radvd.conf

```
interface eth1
{
AdvSendAdvert on;
AdvIntervalOpt on;
MinRtrAdvInterval 1;
MaxRtrAdvInterval 3;
AdvHomeAgentFlag off;
prefix 2001:db8:aaaa:1::1/64
{
AdvOnLink on;
AdvAutonomous on;
AdvRouterAddr on;
};
};
```

/etc/NetworkManager/system-connections/*

enp0s8

```
[ipv6]
address1=2001:db8:aaaa:2::1/64
method=manual
route1=2001:db8:aaaa:3::/64,2001:db8:aaaa:2::2
```

enp0s9

```
[ipv6]
```

```
address1=2001:db8:aaaa:1::1/64
method=manual
```

MN

/etc/mip6d.conf

```
NodeConfig MN;
DebugLevel 10;
DoRouteOptimizationCN enabled;
Interface "eth0";
UseMnHaIPsec disabled;
DoRouteOptimizationMN enabled;
UseCnBuAck enabled;
MnHomeLink "eth0" {
HomeAgentAddress 2001:db8:aaaa:3::1;
HomeAddress 2001:db8:aaaa:3::2/64;
}
```

CN

/etc/mip6d.conf

```
NodeConfig CN;
DebugLevel 10;
DoRouteOptimizationCN enabled;
```

/etc/sysctl.d/zz-mip6d.conf

HA, R

```
net.ipv6.conf.all.forwarding = 1
net.ipv6.conf.all.autoconf = 0
net.ipv6.conf.all.accept_ra = 0
net.ipv6.conf.all.accept_redirects = 0
```

MN, CN

```
net.ipv6.conf.all.forwarding = 0
```

```
net.ipv6.conf.all.autoconf = 1
net.ipv6.conf.all.accept_ra = 1
net.ipv6.conf.all.accept_redirects = 1
```