

This is a simple example of how to set up two hosts that will not be participating in router discovery. The two hosts are mn1 and mn2.

First cd to wherever you want everything to be:

```
# cd /etc/sendd
```

Generate a RSA key, CGA, and CGA parameters for mn1:

```
# cgatool -g -R 1024 -k mn1.key.pem -s 1 -p 2003:: \
-o mn1.cga.params
2003::3049:deeb:fd31:70b0
```

Configure the CGA on an interface (using linux 'ip(8)' here):

```
# ip addr add dev eth0 2003::3049:deeb:fd31:70b0/64
```

You may also want to add it to the interface's permanent configuration as well.

Create /etc/sendd.conf for mn1:

```
snd_privkey=/etc/sendd/mn1.key.pem
snd_derfile=/etc/sendd/mn1.cga.params
snd_cga_sec=1
```

Now on mn2, repeat the process:

```
# cgatool -g -R 1024 -k mn2.key.pem -s 1 -p 2003:: \
-o mn2.cga.params
2003::206d:250:e986:4ab4
```

Configure the CGA on an interface.

Create /etc/sendd.conf for mn2:

```
snd_privkey=/etc/sendd/mn2.key.pem
snd_derfile=/etc/sendd/mn2.cga.params
snd_cga_sec=1
```

Now start sendd on each host. On Linux using /etc/init.d/sendd:

```
# /etc/init.d/sendd start
```

You can test whether things are working by pinging one host from the other:

```
# ping6 2003::206d:250:e986:4ab4
PING 2003::206d:250:e986:4ab4(2003::206d:250:e986:4ab4) 56 data
bytes
64 bytes from 2003::206d:250:e986:4ab4: icmp_seq=0 ttl=64 time=17.9
ms
```

64 bytes from 2003::206d:250:e986:4ab4: icmp_seq=1 ttl=64
time=0.254 ms

You can also start a sniffer like ethereal before pinging. If SEND is working, you should see some extra neighbor discovery options in NS and NA messages.