
Subject: Centos 6.6 IPV6 not working

Posted by [mperkel](#) on Mon, 03 Nov 2014 22:01:02 GMT

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Hi Guys,

This is probably a Centos issue - but I'm new to IPV6 and just trying to get up to where ping6 works. Running Centos 6.6 and did the stuff various web sites suggested. Yet pinging Google is not reachable.

In /etc/sysconfig/network I added:

```
# IPV6
```

```
IPV6_DEFAULTGW=2001:470:1:2fe::1
NETWORKING_IPV6=yes
IPV6_AUTOCONF=no
```

In ifcfg-eth0 I added:

```
IPV6INIT=YES
IPV6ADDR=2001:470:1:2fe::18/64
IPV6_AUTOCONF=NO
IPV6FORWARDING=YES
IPV6_DEFAULTGW=2001:470:1:2fe::1
```

In /etc/sysctl.conf I added:

```
# IPV6
```

```
net.ipv6.conf.all.autoconf = 0
net.ipv6.conf.default.autoconf = 0
net.ipv6.conf.eth0.autoconf = 0
net.ipv6.conf.all.accept_ra = 0
net.ipv6.conf.default.accept_ra = 0
net.ipv6.conf.eth0.accept_ra = 0
net.ipv6.conf.default.forwarding = 1
net.ipv6.conf.all.forwarding = 1
net.ipv6.conf.all.proxy_ndp = 1
net.ipv6.bindv6only = 1
```

Restarted the network - tried to ping google

```
ping6 ipv6.google.com
connect: Network is unreachable
```

```
ran ifconfig
```

```
eth0    Link encap:Ethernet HWaddr E0:CB:4E:CF:4B:BE
        inet addr:184.105.182.18 Bcast:184.105.182.255
Mask:255.255.255.0
        inet6 addr: fe80::e2cb:4eff:fecf:4bbe/64 Scope:Link
        UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
        RX packets:21283662 errors:0 dropped:0 overruns:0 frame:0
        TX packets:19638030 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:1000
        RX bytes:2792719190 (2.6 GiB) TX bytes:2867321807 (2.6 GiB)
```

No Scope:Global IP

what am I missing?

Thanks in advance ...