

---

Subject: Re: IPv6 auto-configuration issue with virtual Ethernet

Posted by [lars.bailey](#) on Mon, 27 Dec 2010 03:16:50 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

After performing other IPv6 configurations on a test OVZ IPv6 network, my final solution for IPv4 RedHat containers pulling auto-config IPv6 addresses, did not sit well with me, as I knew this issue could be fixed without much effort.

Then I realized, the solution lied on the Node server.

All Node servers, use this configuration now, in "/etc/sysconfig/network" file.

```
NETWORKING=yes
HOSTNAME=stooge.lan.intranet
NETWORKING_IPV6=yes
IPV6FORWARDING=yes
IPV6_AUTOCONF=no
IPV6_AUTOTUNNEL=no
```

By adding this to an IPv4 RedHat container;

```
NETWORKING_IPV6=yes
IPV6_AUTOCONF=no
```

it no longer pulls auto-configured IPv6 addresses.

This of course, if you bridge both IPv4 and IPv6 containers, and you are advertising a "/64" on the bridge interface.

Why it effects RedHat containers only, without proper IPv6 configurations, I can only conclude it has to do with using bridged Ethernet.

Since, the IPv4 VETH interface is bound to the bridge, and a container has a link-local address, this seems to be the only correct answer.

If anybody has any other ideas, post it, as I'm still a little curious as to why.

---