
Subject: [PATCH net-2.6.25 6/6][NETNS]: Use the per-net ipv6_devconf(_all) in sysctl handlers

Posted by [Pavel Emelianov](#) on Thu, 10 Jan 2008 14:10:44 GMT

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Actually the net->ipv6.devconf_all can be used in a few places, but to keep the /proc/sys/net/ipv6/conf/ sysctls work consistently in the namespace we should use the per-net devconf_all in the sysctl "forwarding" handler.

Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

net/ipv6/addrconf.c | 13 ++++++-----
1 files changed, 7 insertions(+), 6 deletions(-)

diff --git a/net/ipv6/addrconf.c b/net/ipv6/addrconf.c
index 9b96de3..cd90f9a 100644

--- a/net/ipv6/addrconf.c

+++ b/net/ipv6/addrconf.c

@@ -456,7 +456,7 @@ static void dev_forward_change(struct inet6_dev *idev)
{

-static void addrconf_forward_change(struct net *net)

+static void addrconf_forward_change(struct net *net, __s32 newf)

{
 struct net_device *dev;
 struct inet6_dev *idev;
@@ -466,8 +466,8 @@ static void addrconf_forward_change(struct net *net)
 rcu_read_lock();
 idev = __in6_dev_get(dev);
 if (idev) {
- int changed = (!idev->cnf.forwarding) ^ (!ipv6_devconf.forwarding);
- idev->cnf.forwarding = ipv6_devconf.forwarding;
+ int changed = (!idev->cnf.forwarding) ^ (!newf);
+ idev->cnf.forwarding = newf;
 if (changed)
 dev_forward_change(idev);
 }
}

@@ -484,9 +484,10 @@ static void addrconf_fixup_forwarding(struct ctl_table *table, int *p, int old)

 if (p == &net->ipv6.devconf_dflt->forwarding)
 return;

- if (p == &ipv6_devconf.forwarding) {
- net->ipv6.devconf_dflt->forwarding = ipv6_devconf.forwarding;
- addrconf_forward_change(net);
}

```
+ if (p == &net->ipv6.devconf_all->forwarding) {  
+   __s32 newf = net->ipv6.devconf_all->forwarding;  
+   net->ipv6.devconf_dflt->forwarding = newf;  
+   addrconf_forward_change(net, newf);  
+ } else if ((!*p) ^ (!old))  
+   dev_forward_change((struct inet6_dev *)table->extra1);
```

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1.5.3.4
