
Subject: Re: [PATCH 6/17 net-2.6.26] [NETNS]: Default arp parameters lookup.
Posted by [den](#) on Tue, 19 Feb 2008 10:05:49 GMT

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On Tue, 2008-02-19 at 10:51 +0100, Daniel Lezcano wrote:

> Denis V. Lunev wrote:

> > On Tue, 2008-02-19 at 10:14 +0100, Daniel Lezcano wrote:

> > > Denis V. Lunev wrote:

> > > > Default ARP parameters should be findable regardless of the context.

> > > > Required to make inetdev_event working.

> > > >

> > > > Signed-off-by: Denis V. Lunev <den@openvz.org>

> > > > ---

> > > > net/core/neighbour.c | 4 +---

> > > > 1 files changed, 1 insertions(+), 3 deletions(-)

> > > >

> > > > diff --git a/net/core/neighbour.c b/net/core/neighbour.c

> > > > index c895ad4..45ed620 100644

> > > > --- a/net/core/neighbour.c

> > > > +++ b/net/core/neighbour.c

> > > > @@ -1275,9 +1275,7 @@ static inline struct neigh_parms *lookup_neigh_parms(struct
neigh_table *tbl,

> > > > struct neigh_parms *p;

> > > >

> > > > for (p = &tbl->parms; p; p = p->next) {

> > > > - if (p->net != net)

> > > > - continue;

> > > > - if ((p->dev && p->dev->ifindex == ifindex) ||

> > > > + if ((p->dev && p->dev->ifindex == ifindex && p->net == net) ||

> > > > (!p->dev && !ifindex))

> > > > return p;

> > > > }

> > If the values are:

> > p->dev == NULL

> > ifindex == 0

> > p->net != net

> >

> > The parms should not be taken into account and the looping must

> > continue. But with this modification it is not the case, if we specify

> > parms ifindex == 0, the first parms with the dev field set to NULL will

> > be taken belonging or not to the right net.

> >

> > They should be taken. In the other case inetdev_event will fail for sure

> > in the middle. You could check.

> >

> > These are ARP defaults and I do not see a problem for now to get them.

>

> Because there is a parms default per namespace. So several instances of

> them per nd table. That was the initial approach with Eric's patchset.
>

These changes are not in mainstream and I do not want to touch ARP as this is not a simple thing. In reality ARP will be needed only when we'll have a real device inside a namespace.

Right now I prefer to have minimal set of working changes to finish IP and upper layers.

Regards,
Den
