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_params(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
