
Subject: Re: [PATCH 6/17 net-2.6.26] [NETNS]: Default arp parameters lookup.
Posted by [Daniel Lezcano](#) on Tue, 19 Feb 2008 09:14:51 GMT
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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.

IMO the right test is:

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

I definitively prefer the first notation :)

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

> - continue;
