
Subject: [PATCH][DECNET] dn_nl_deladdr() almost always returns no error
Posted by [Pavel Emelianov](#) on Thu, 29 Nov 2007 16:29:20 GMT

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As far as I see from the err variable initialization
the dn_nl_deladdr() routine was designed to report errors
like "EADDRNOTAVAIL" and probaby "ENODEV".

But the code sets this err to 0 after the first nlmsg_parse
and goes on, returning this 0 in any case.

Is this made deliberately, or the patch below is correct?

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

```
---
diff --git a/net/decnet/dn_dev.c b/net/decnet/dn_dev.c
index 66e266f..3bc82dc 100644
--- a/net/decnet/dn_dev.c
+++ b/net/decnet/dn_dev.c
@@ -651,16 +651,18 @@ static int dn_nl_deladdr(struct sk_buff *skb, struct nlmsg_hdr *nlh, void
*arg)
    struct dn_dev *dn_db;
    struct ifaddrmsg *ifm;
    struct dn_ifaddr *ifa, **ifap;
-   int err = -EADDRNOTAVAIL;
+   int err;

    err = nlmsg_parse(nlh, sizeof(*ifm), tb, IFA_MAX, dn_ifa_policy);
    if (err < 0)
        goto errout;

+   err = -ENODEV;
    ifm = nlmsg_data(nlh);
    if ((dn_db = dn_dev_by_index(ifm->ifa_index)) == NULL)
        goto errout;

+   err = -EADDRNOTAVAIL;
    for (ifap = &dn_db->ifa_list; (ifa = *ifap); ifap = &ifa->ifa_next) {
        if (tb[IFA_LOCAL] &&
            nla_memcmp(tb[IFA_LOCAL], &ifa->ifa_local, 2))
```

Subject: Re: [PATCH][DECNET] dn_nl_deladdr() almost always returns no error
Posted by [Steven Whitehouse](#) on Thu, 29 Nov 2007 16:35:43 GMT

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Hi,

On Thu, Nov 29, 2007 at 07:29:20PM +0300, Pavel Emelyanov wrote:

> As far as I see from the err variable initialization
> the dn_nl_deladdr() routine was designed to report errors
> like "EADDRNOTAVAIL" and probaby "ENODEV".

>
> But the code sets this err to 0 after the first nlmsg_parse
> and goes on, returning this 0 in any case.

>
> Is this made deliberately, or the patch below is correct?

The patch looks good to me.

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

Acked-by: Steven Whitehouse <swhiteho@redhat.com>

Steve.

>
> ---
>
> diff --git a/net/decnet/dn_dev.c b/net/decnet/dn_dev.c
> index 66e266f..3bc82dc 100644
> --- a/net/decnet/dn_dev.c
> +++ b/net/decnet/dn_dev.c
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> void *arg)
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> if ((dn_db = dn_dev_by_index(ifm->ifa_index)) == NULL)
> goto errout;
>
> + err = -EADDRNOTAVAIL;
> for (ifap = &dn_db->ifa_list; (ifa = *ifap); ifap = &ifa->ifa_next) {
> if (tb[IFA_LOCAL] &&
> nla_memcmp(tb[IFA_LOCAL], &ifa->ifa_local, 2))
> -

> To unsubscribe from this list: send the line "unsubscribe netdev" in
> the body of a message to majordomo@vger.kernel.org
> More majordomo info at <http://vger.kernel.org/majordomo-info.html>

Subject: Re: [PATCH][DECNET] dn_nl_deladdr() almost always returns no error
Posted by [Herbert Xu](#) on Fri, 30 Nov 2007 12:44:24 GMT
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On Thu, Nov 29, 2007 at 04:35:43PM +0000, Steven Whitehouse wrote:
>
> > Signed-off-by: Pavel Emelyanov <xemul@openvz.org>
> Acked-by: Steven Whitehouse <swhiteho@redhat.com>

Patch applied. Thanks Pavel!

--

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PGP Key: <http://gondor.apana.org.au/~herbert/pubkey.txt>
