

---

Subject: [PATCH net-2.6.25 3/3][ARP] Consolidate some code in  
arp\_req\_set/delete\_public  
Posted by [Pavel Emelianov](#) on Wed, 05 Dec 2007 17:18:44 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

The PROXY\_ARP is set on devconfigs in a similar way in  
both calls.

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

---

diff --git a/net/ipv4/arp.c b/net/ipv4/arp.c

index 0a3f00c..ccd36fa 100644

--- a/net/ipv4/arp.c

+++ b/net/ipv4/arp.c

@@ -953,6 +953,19 @@ out\_of\_mem:

\* Set (create) an ARP cache entry.

\*/

+static int arp\_req\_set\_proxy(struct net\_device \*dev, int on)

+{

+ if (dev == NULL) {

+ IPV4\_DEVCONF\_ALL(PROXY\_ARP) = on;

+ return 0;

+ }

+ if (\_\_in\_dev\_get\_rtnl(dev)) {

+ IN\_DEV\_CONF\_SET(\_\_in\_dev\_get\_rtnl(dev), PROXY\_ARP, on);

+ return 0;

+ }

+ return -ENXIO;

+}

+

static int arp\_req\_set\_public(struct arpreq \*r, struct net\_device \*dev)

{

\_\_be32 ip = ((struct sockaddr\_in \*)&r->arp\_pa)->sin\_addr.s\_addr;

@@ -971,15 +984,8 @@ static int arp\_req\_set\_public(struct arpreq \*r, struct net\_device \*dev)

return -ENOBUFS;

return 0;

}

- if (dev == NULL) {

- IPV4\_DEVCONF\_ALL(PROXY\_ARP) = 1;

- return 0;

- }

- if (\_\_in\_dev\_get\_rtnl(dev)) {

- IN\_DEV\_CONF\_SET(\_\_in\_dev\_get\_rtnl(dev), PROXY\_ARP, 1);

- return 0;

- }

```

- return -ENXIO;
+
+ return arp_req_set_proxy(dev, 1);
}

static int arp_req_set(struct arpreq *r, struct net_device * dev)
@@ -1083,19 +1089,10 @@ static int arp_req_delete_public(struct arpreq *r, struct net_device
*dev)
    if (mask == htonl(0xFFFFFFFF))
        return p neigh_delete(&arp_tbl, &ip, dev);

- if (mask == 0) {
- if (dev == NULL) {
- IPV4_DEVCONF_ALL(PROXY_ARP) = 0;
- return 0;
- }
- if (__in_dev_get_rtnl(dev)) {
- IN_DEV_CONF_SET(__in_dev_get_rtnl(dev),
- PROXY_ARP, 0);
- return 0;
- }
- return -ENXIO;
- }
- return -EINVAL;
+ if (mask)
+ return -EINVAL;
+
+ return arp_req_set_proxy(dev, 0);
}

static int arp_req_delete(struct arpreq *r, struct net_device * dev)
--

```

1.5.3.4

---

Subject: Re: [PATCH net-2.6.25 3/3][ARP] Consolidate some code in  
arp\_req\_set/delete\_public

Posted by [davem](#) on Thu, 06 Dec 2007 05:21:10 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

From: Pavel Emelyanov <xemul@openvz.org>

Date: Wed, 05 Dec 2007 20:18:44 +0300

> The PROXY\_ARP is set on devconfigs in a similar way in  
> both calls.

>

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

Also applied, thanks a lot.

---