
Subject: [PATCH] [IGMP]: Optimize kfree_skb in igmp_rcv.

Posted by [den](#) on Fri, 08 Feb 2008 14:14:06 GMT

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Merge error paths inside igmp_rcv.

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

net/ipv4/igmp.c | 13 ++++++-----

1 files changed, 6 insertions(+), 7 deletions(-)

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

index fe2e6cd..d3f34a7 100644

--- a/net/ipv4/igmp.c

+++ b/net/ipv4/igmp.c

@@ -922,13 +922,11 @@ int igmp_rcv(struct sk_buff *skb)

struct in_device *in_dev = in_dev_get(skb->dev);

int len = skb->len;

- if (in_dev==NULL) {

- kfree_skb(skb);

- return 0;

- }

+ if (in_dev == NULL)

+ goto drop;

if (!pskb_may_pull(skb, sizeof(struct igmp_hdr)))

- goto drop;

+ goto drop_ref;

switch (skb->ip_summed) {

case CHECKSUM_COMPLETE:

@@ -938,7 +936,7 @@ int igmp_rcv(struct sk_buff *skb)

case CHECKSUM_NONE:

skb->csum = 0;

if (__skb_checksum_complete(skb))

- goto drop;

+ goto drop_ref;

}

ih = igmp_hdr(skb);

@@ -972,8 +970,9 @@ int igmp_rcv(struct sk_buff *skb)

break;

}

-drop:

+drop_ref:

in_dev_put(in_dev);

```
+drop:
    kfree_skb(skb);
    return 0;
}
```

--

1.5.3.rc5

Subject: Re: [PATCH] [IGMP]: Optimize kfree_skb in igmp_rcv.

Posted by [davem](#) on Sun, 10 Feb 2008 07:22:43 GMT

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From: "Denis V. Lunev" <den@openvz.org>

Date: Fri, 8 Feb 2008 17:14:17 +0300

> Merge error paths inside igmp_rcv.

>

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

Applied, but this kind of cleanup is borderline during this time period. Please queue such things up for when I open up net-2.6.26, thanks.

Find some bugs to fix instead :-)
