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 igmphdr)))
-  goto drop;
+  goto drop_ref;

  switch (skb->ip_summed) {
  case CHECKSUM_COMPLETE:
@@ -938,7 +936,7 @@ int igmp_rcv(struct sk_buff *skb)
   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
```