
Subject: [PATCH RFC 25/31] net: Make wireless netlink event generation handle multiple network namespaces

Posted by [ebiederm](#) on Thu, 25 Jan 2007 19:00:27 GMT

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From: Eric W. Biederman <ebiederm@xmission.com> - unquoted

Signed-off-by: Eric W. Biederman <ebiederm@xmission.com>

net/core/wireless.c | 15 ++++++++-----

1 files changed, 10 insertions(+), 5 deletions(-)

diff --git a/net/core/wireless.c b/net/core/wireless.c

index 9036359..d534617 100644

--- a/net/core/wireless.c

+++ b/net/core/wireless.c

@@ -1934,8 +1934,13 @@ static void wireless_nlevent_process(unsigned long data)

{
 struct sk_buff *skb;

- while ((skb = skb_dequeue(&wireless_nlevent_queue)))
- rtnl_notify(skb, init_net(), 0, RTNLGRP_LINK, NULL, GFP_ATOMIC);
+ while ((skb = skb_dequeue(&wireless_nlevent_queue))) {
+ struct net_device *dev = skb->dev;
+ net_t net = dev->nd_net;
+ skb->dev = NULL;
+ rtnl_notify(skb, net, 0, RTNLGRP_LINK, NULL, GFP_ATOMIC);
+ dev_put(dev);
+ }
}

static DECLARE_TASKLET(wireless_nlevent_tasklet, wireless_nlevent_process, 0);

@@ -1992,9 +1997,6 @@ static inline void rtmsg_iwinfo(struct net_device * dev,
 struct sk_buff *skb;
 int size = NLMSG_GOODSIZE;

- if (!net_eq(dev->nd_net, init_net()))
- return;
-

skb = alloc_skb(size, GFP_ATOMIC);
 if (!skb)
 return;

@@ -2004,6 +2006,9 @@ static inline void rtmsg_iwinfo(struct net_device * dev,
 kfree_skb(skb);
 return;
}

+ /* Remember the device until we are in process context */
+ dev_hold(dev);

```
+ skb->dev = dev;  
  NETLINK_CB(skb).dst_group = RTNLGRP_LINK;  
  skb_queue_tail(&wireless_nlevent_queue, skb);  
  tasklet_schedule(&wireless_nlevent_tasklet);  
--
```

1.4.4.1.g278f

Containers mailing list

Containers@lists.osdl.org

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