
Subject: [PATCH 8/8 net-2.6.26] [NETNS]: Add netns refcnt debug for network devices.

Posted by [den](#) on Tue, 15 Apr 2008 12:37:55 GMT

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dev_set_net is called for

- just allocated devices

- devices moving from one namespace to another

release_net has proper check inside to distinguish these cases.

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

```
include/linux/netdevice.h | 3 +-
net/core/dev.c             | 2 ++
2 files changed, 4 insertions(+), 1 deletions(-)
```

```
diff --git a/include/linux/netdevice.h b/include/linux/netdevice.h
```

```
index 8b17ed4..7c1d446 100644
```

```
--- a/include/linux/netdevice.h
```

```
+++ b/include/linux/netdevice.h
```

```
@@ -758,7 +758,8 @@ static inline
```

```
void dev_net_set(struct net_device *dev, struct net *net)
```

```
{
#ifdef CONFIG_NET_NS
```

```
- dev->nd_net = net;
```

```
+ release_net(dev->nd_net);
```

```
+ dev->nd_net = hold_net(net);
```

```
#endif
```

```
}
```

```
diff --git a/net/core/dev.c b/net/core/dev.c
```

```
index 7aa0112..77530e9 100644
```

```
--- a/net/core/dev.c
```

```
+++ b/net/core/dev.c
```

```
@@ -4042,6 +4042,8 @@ EXPORT_SYMBOL(alloc_netdev_mq);
*/
```

```
void free_netdev(struct net_device *dev)
```

```
{
+ release_net(dev_net(dev));
```

```
+
```

```
/* Compatibility with error handling in drivers */
```

```
if (dev->reg_state == NETREG_UNINITIALIZED) {
    kfree((char *)dev - dev->padded);
```

```
--
```

1.5.3.rc5

Containers mailing list

