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Subject: [patch 1/1][NETNS] resend: fix net released by rcu callback

Posted by [Daniel Lezcano](#) on Tue, 30 Oct 2007 16:21:40 GMT

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When a network namespace reference is held by a network subsystem, and when this reference is decremented in a rcu update callback, we must ensure that there is no more outstanding rcu update before trying to free the network namespace.

In the normal case, the rcu\_barrier is called when the network namespace is exiting in the cleanup\_net function.

But when a network namespace creation fails, and the subsystems are undone (like the cleanup), the rcu\_barrier is missing.

This patch adds the missing rcu\_barrier.

Signed-off-by: Daniel Lezcano <dlezcano@fr.ibm.com>

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```
net/core/net_namespace.c | 2 ++
1 file changed, 2 insertions(+)
```

Index: net-2.6/net/core/net\_namespace.c

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--- net-2.6.orig/net/core/net\_namespace.c

+++ net-2.6/net/core/net\_namespace.c

@@ -112,6 +112,8 @@ out\_undo:

```
    if (ops->exit)
        ops->exit(net);
}
+
+ rcu_barrier();
    goto out;
}
```

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