
Subject: Re: [PATCH] Remove notifier block from chain when
register_netdevice_notifier fails

Posted by [Herbert Xu](#) on Wed, 14 Nov 2007 13:37:17 GMT

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On Wed, Nov 14, 2007 at 03:08:03PM +0300, Pavel Emelyanov wrote:

> Commit fcc5a03ac42564e9e255c1134dda47442289e466 makes the

> register_netdevice_notifier() handle the error from the

> NETDEV_REGISTER event, sent to the registering block.

>

> The bad news is that in this case the notifier block is

> not removed from the list, but the error is returned to the

> caller. In case the caller is in module init function and

> handles this error this can abort the module loading. The

> notifier block will be then removed from the kernel, but

> will be left in the list. Oops :(

>

> I think that the notifier block should be removed from the

> chain in case of error, regardless whether this error is

> handled by the caller or not. In the worst case (the error

> is _not_ handled) module will not receive the events any

> longer.

>

> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

Good catch. Thanks Pavel!

Acked-by: Herbert Xu <herbert@gondor.apana.org.au>

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