
Subject: [PATCH net-2.6.25 0/7] Make ipv4_devconf (all and default) live in net namespaces

Posted by [Pavel Emelianov](#) on Tue, 11 Dec 2007 17:44:09 GMT

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The `ipv4_devconf_(all)` and `ipv4_devconf_dflt` are currently global, but should be per-namespace.

This set moves them on the struct `net`. Or, more precisely, on the struct `netns_ipv4`, which in turn is on the struct `net`.

There are two minor things that are to be done additionally to this set:

1. The `snmp_seq_show()` needs the `IPV4_DEVCONF_ALL(FORWARDING)` value, but since this entry is still global no valid struct `net` can be get in it, so I use the `init_net`'s one. After `snmp` is made per-namespace, this will be fixed easily.
2. The `rt_fill_info()` needs the `IPV4_DEVCONF_ALL(MC_FORWARDING)`, but the routing code is not tuned to work inside namespaces yet, so I use the `init_net` in it as well. Denis is currently working on `ipv4` routing, so this will be prepared shortly.

Happily, all the other places of `devconf-s` usage can provide a struct `net` pointer.

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