
Subject: Re: [PATCH 2.6.25] IPv4: thresholds in fib_trie.c are not modified, make them const

Posted by [davem](#) on Wed, 12 Dec 2007 18:58:33 GMT

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From: "Denis V. Lunev" <den@openvz.org>

Date: Wed, 12 Dec 2007 14:05:55 +0300

```
> -static int halve_threshold = 25;
> -static int inflate_threshold = 50;
> -static int halve_threshold_root = 15;
> -static int inflate_threshold_root = 25;
```

halve_threshold_root and inflate_threshold_root have different values in the net-2.6.25 tree.

What tree are you patching against? These were changed way back in:

commit 965ffea43d4ebe8cd7b9fee78d651268dd7d23c5

Author: Robert Olsson <robert.olsson@its.uu.se>

Date: Mon Mar 19 16:29:58 2007 -0700

[IPV4]: fib_trie root node settings

The threshold for root node can be more aggressive set to get better tree compression. The new setting makes the root grow from 16 to 19 bits and substantial improvement in average depth this with the current table of 214393 prefixes

But really the dynamic resize should need more investigation both in terms convergence and performance and maybe it should be possible to change...

Maybe just for the brave to start with or we may have to back this out.

Please don't waste my time like this. Always submit patches against the current tree, even if you "think" the files you are patching haven't changed.
