
Subject: [patch 27/38][IPV6] route6 - Make proc entry /proc/net/route6_stats per namespace

Posted by [Daniel Lezcano](#) on Mon, 03 Dec 2007 16:17:03 GMT

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Make the proc entry /proc/net/route6_stats work in all network namespace.

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net/ipv6/route.c | 26 ++++++++-----

1 file changed, 18 insertions(+), 8 deletions(-)

Index: linux-2.6-netns/net/ipv6/route.c

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--- linux-2.6-netns.orig/net/ipv6/route.c

+++ linux-2.6-netns/net/ipv6/route.c

@@ -2350,21 +2350,31 @@ static const struct file_operations ipv6

```
static int rt6_stats_seq_show(struct seq_file *seq, void *v)
{
+ struct net *net = (struct net*)seq->private;
  seq_printf(seq, "%04x %04x %04x %04x %04x %04x %04x\n",
-   init_net.rt6_stats->fib_nodes,
-   init_net.rt6_stats->fib_route_nodes,
-   init_net.rt6_stats->fib_rt_alloc,
-   init_net.rt6_stats->fib_rt_entries,
-   init_net.rt6_stats->fib_rt_cache,
+   net->rt6_stats->fib_nodes,
+   net->rt6_stats->fib_route_nodes,
+   net->rt6_stats->fib_rt_alloc,
+   net->rt6_stats->fib_rt_entries,
+   net->rt6_stats->fib_rt_cache,
+   atomic_read(&ip6_dst_ops.entries),
-   init_net.rt6_stats->fib_discarded_routes);
+   net->rt6_stats->fib_discarded_routes);

  return 0;
}
```

```
static int rt6_stats_seq_open(struct inode *inode, struct file *file)
{
- return single_open(file, rt6_stats_seq_show, NULL);
+ struct net *net = get_proc_net(inode);
+ return single_open(file, rt6_stats_seq_show, net);
+}
+
+static int rt6_stats_seq_release(struct inode *inode, struct file *file)
```

```

+{
+ struct seq_file *seq = file->private_data;
+ struct net *net = (struct net *)seq->private;
+ put_net(net);
+ return single_release(inode, file);
}

static const struct file_operations rt6_stats_seq_fops = {
@@ -2372,7 +2382,7 @@ static const struct file_operations rt6_
    .open = rt6_stats_seq_open,
    .read = seq_read,
    .llseek = seq_lseek,
- .release = single_release,
+ .release = rt6_stats_seq_release,
};
#endif /* CONFIG_PROC_FS */

```

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