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Subject: [patch 27/38][IPV6] route6 - Make proc entry /proc/net/rt6\_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/rt6\_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

=====  
--- 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\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_llseek,
-.release = single_release,
+.release = rt6_stats_seq_release,
};

#endif /* CONFIG_PROC_FS */
```

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