Subject: [PATCH net-2.6.26 6/6][IPV6][NETNS]: Display per-net info in sockstat6 file.
Posted by Pavel Emelianov on Mon, 31 Mar 2008 12:20:01 GMT
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Do with the sockstat6 file what we've already done for the sockstat.
Same good side effect - ipv6 reassembling stats are now shown per-net.

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

---
 net/ipv6/proc.c | 41 ++++++++++++++++++++++++++++++++++-------
 1 files changed, 34 insertions(+), 7 deletions(-)

diff --git a/net/ipv6/proc.c b/net/ipv6/proc.c
index 5623660..ca8b82f 100644
--- a/net/ipv6/proc.c
+++ b/net/ipv6/proc.c
@@ -35,16 +35,18 @@ static struct proc_dir_entry *proc_net_devsnmp6;

 static int sockstat6_seq_show(struct seq_file *seq, void *v)
 {
+ struct net *net = seq->private;
+
  seq_printf(seq, "TCP6: inuse %d\n",
-        sock_prot_inuse_get(&init_net, &tcpv6_prot));
+   sock_prot_inuse_get(net, &tcpv6_prot));
  seq_printf(seq, "UDP6: inuse %d\n",
-        sock_prot_inuse_get(&init_net, &udpv6_prot));
+   sock_prot_inuse_get(net, &udpv6_prot));
  seq_printf(seq, "UDPLITE6: inuse %d\n",
-   sock_prot_inuse_get(&init_net, &udplitev6_prot));
+   sock_prot_inuse_get(net, &udplitev6_prot));
  seq_printf(seq, "RAW6: inuse %d\n",
-        sock_prot_inuse_get(&init_net, &rawv6_prot));
+   sock_prot_inuse_get(net, &rawv6_prot));
  seq_printf(seq, "FRAG6: inuse %d memory %d\n",
-        ip6_frag_nqueues(&init_net), ip6_frag_mem(&init_net));
+   ip6_frag_nqueues(net), ip6_frag_mem(net));
  return 0;
 }

@@ -183,7 +185,32 @@ static int snmp6_seq_show(struct seq_file *seq, void *v)

 static int sockstat6_seq_open(struct inode *inode, struct file *file)
 {
- return single_open(file, sockstat6_seq_show, NULL);
+ int err;

```
+ struct net *net;
+
+ err = -ENXIO;
+ net = get_proc_net(inode);
+ if (net == NULL)
+  goto err_net;
+
+ err = single_open(file, sockstat6_seq_show, net);
+ if (err < 0)
+  goto err_open;
+
+ return 0;
+
+err_open:
+ put_net(net);
+err_net:
+ return err;
+}
+
+static int sockstat6_seq_release(struct inode *inode, struct file *file)
+{
+ struct net *net = ((struct seq_file *)file->private_data)->private;
+
+ put_net(net);
+ return single_release(inode, file);
 }

 static const struct file_operations sockstat6_seq_fops = {
@@ -191,7 +218,7 @@ static const struct file_operations sockstat6_seq_fops = {
  .open  = sockstat6_seq_open,
  .read  = seq_read,
  .llseek  = seq_lseek,
- .release = single_release,
+ .release = sockstat6_seq_release,
 };

 static int snmp6_seq_open(struct inode *inode, struct file *file)
--
1.5.3.4
```