
Subject: [PATCH net-2.6.26 6/6][NETNS][IPV6]: Use proper net in sockstat6 file.

Posted by [Pavel Emelianov](#) on Thu, 27 Mar 2008 08:21:14 GMT

[View Forum Message](#) <> [Reply to Message](#)

Do with sockstat file what we've already done for 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 6a34794..783b30c 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_llseek,
-   .release = single_release,
+   .release = sockstat6_seq_release,
};


```

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

--
1.5.3.4
