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Subject: [PATCH net-2.6.26 5/6][NETNS][IPV4]: Use proper net in sockstat file.  
Posted by [Pavel Emelianov](#) on Thu, 27 Mar 2008 08:19:45 GMT  
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Now show the per-net inuse values in sockstat file.

Besides, now we can see per-net fragments statistics in the same file, since this stats is already per-net.

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

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net/ipv4/proc.c | 41 ++++++-----  
1 files changed, 34 insertions(+), 7 deletions(-)

diff --git a/net/ipv4/proc.c b/net/ipv4/proc.c

index 24ae23b..552169b 100644

--- a/net/ipv4/proc.c

+++ b/net/ipv4/proc.c

@@ -51,27 +51,54 @@

\*/

static int sockstat\_seq\_show(struct seq\_file \*seq, void \*v)

{

+ struct net \*net = seq->private;

+

socket\_seq\_show(seq);

seq\_printf(seq, "TCP: inuse %d orphan %d tw %d alloc %d mem %d\n",

- sock\_prot\_inuse\_get(&init\_net, &tcp\_prot),

+ sock\_prot\_inuse\_get(net, &tcp\_prot),

atomic\_read(&tcp\_orphan\_count),

tcp\_death\_row.tw\_count, atomic\_read(&tcp\_sockets\_allocated),

atomic\_read(&tcp\_memory\_allocated));

seq\_printf(seq, "UDP: inuse %d mem %d\n",

- sock\_prot\_inuse\_get(&init\_net, &udp\_prot),

+ sock\_prot\_inuse\_get(net, &udp\_prot),

atomic\_read(&udp\_memory\_allocated));

seq\_printf(seq, "UDPLITE: inuse %d\n",

- sock\_prot\_inuse\_get(&init\_net, &udplite\_prot));

+ sock\_prot\_inuse\_get(net, &udplite\_prot));

seq\_printf(seq, "RAW: inuse %d\n",

- sock\_prot\_inuse\_get(&init\_net, &raw\_prot));

+ sock\_prot\_inuse\_get(net, &raw\_prot));

seq\_printf(seq, "FRAG: inuse %d memory %d\n",

- ip\_frag\_nqueues(&init\_net), ip\_frag\_mem(&init\_net));

+ ip\_frag\_nqueues(net), ip\_frag\_mem(net));

return 0;

}

```

static int sockstat_seq_open(struct inode *inode, struct file *file)
{
- return single_open(file, sockstat_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, sockstat_seq_show, net);
+ if (err < 0)
+ goto err_open;
+
+ return 0;
+
+err_open:
+ put_net(net);
+err_net:
+ return err;
+}
+
+static int sockstat_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 sockstat_seq_fops = {
@@ -79,7 +106,7 @@ static const struct file_operations sockstat_seq_fops = {
    .open = sockstat_seq_open,
    .read = seq_read,
    .llseek = seq_lseek,
- .release = single_release,
+ .release = sockstat_seq_release,
};

/* snmp items */
--
1.5.3.4

```

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