Subject: [PATCH net-2.6.25 11/19] [NETNS] Show routing information from correct namespace (fib_hash.c)
Posted by den on Wed, 19 Dec 2007 15:24:41 GMT
View Forum Message <> Reply to Message

This is the second part (for the CONFIG_IP_FIB_HASH case) of the patch #4,
where we have created proc files in namespaces.

Now we can dump correct info in them.

Acked-by: Benjamin Thery <benjamin.thery@bull.net>
Signed-off-by: Denis V. Lunev <den@openvz.org>
---
 net/ipv4/fib_hash.c | 17 ++++++++++------
 1 files changed, 11 insertions(+), 6 deletions(-)

diff --git a/net/ipv4/fib_hash.c b/net/ipv4/fib_hash.c
index 75c1bde..3bb3a0a 100644
--- a/net/ipv4/fib_hash.c
+++ b/net/ipv4/fib_hash.c
@@ -782,6 +782,7 @@ struct fib_table *fib_hash_init(u32 id)
 #ifdef CONFIG_PROC_FS

 struct fib_iter_state {
+ struct seq_net_private p;
  struct fn_zone *zone;
  int bucket;
  struct hlist_head *hash_head;
@@ -795,8 +796,11 @@ struct fib_iter_state {
 static struct fib_alias *fib_get_first(struct seq_file *seq)
 {
  struct fib_iter_state *iter = seq->private;
- struct fib_table *main_table = fib_get_table(&init_net, RT_TABLE_MAIN);
- struct fn_hash *table = (struct fn_hash *)main_table->tb_data;
+ struct fib_table *main_table;
+ struct fn_hash *table;
+
+ main_table = fib_get_table(iter->p.net, RT_TABLE_MAIN);
+ table = (struct fn_hash *)main_table->tb_data;

  iter->bucket   = 0;
  iter->hash_head = NULL;
@@ -932,10 +936,11 @@ static struct fib_alias *fib_get_idx(struct seq_file *seq, loff_t pos)

 static void *fib_seq_start(struct seq_file *seq, loff_t *pos)
 {
+ struct fib_iter_state *iter = seq->private;
  void *v = NULL;

```
  read_lock(&fib_hash_lock);
- if (fib_get_table(&init_net, RT_TABLE_MAIN))
+ if (fib_get_table(iter->p.net, RT_TABLE_MAIN))
    v = *pos ? fib_get_idx(seq, *pos - 1) : SEQ_START_TOKEN;
  return v;
 }
@@ -1022,8 +1027,8 @@ static const struct seq_operations fib_seq_ops = {

 static int fib_seq_open(struct inode *inode, struct file *file)
 {
- return seq_open_private(file, &fib_seq_ops,
-    sizeof(struct fib_iter_state));
+ return seq_open_net(inode, file, &fib_seq_ops,
+        sizeof(struct fib_iter_state));
 }

 static const struct file_operations fib_seq_fops = {
@@ -1031,7 +1036,7 @@ static const struct file_operations fib_seq_fops = {
  .open           = fib_seq_open,
  .read           = seq_read,
  .llseek         = seq_lseek,
- .release = seq_release_private,
+ .release = seq_release_net,
 };

 int __net_init fib_proc_init(struct net *net)
--
1.5.3.rc5
```