
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

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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.

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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
