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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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Signed-off-by: Denis V. Lunev <den@openvz.org>

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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

```

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