
Subject: [PATCH 12/17 net-2.6.26] [NETNS]: Process /proc/net/route inside a namespace.

Posted by [den](#) on Tue, 19 Feb 2008 07:31:31 GMT

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Show routing cache for a particular namespace only.

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

net/ipv4/route.c | 10 ++++++---

1 files changed, 7 insertions(+), 3 deletions(-)

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

index 67df872..c11e6bf 100644

--- a/net/ipv4/route.c

+++ b/net/ipv4/route.c

@@ -273,6 +273,7 @@ static unsigned int rt_hash_code(u32 daddr, u32 saddr)

#ifdef CONFIG_PROC_FS

struct rt_cache_iter_state {

+ struct seq_net_private p;

int bucket;

int genid;

};

@@ -285,7 +286,8 @@ static struct rtable *rt_cache_get_first(struct rt_cache_iter_state *st)

rcu_read_lock_bh();

r = rcu_dereference(rt_hash_table[st->bucket].chain);

while (r) {

- if (r->rt_genid == st->genid)

+ if (r->u.dst.dev->nd_net == st->p.net &&

+ r->rt_genid == st->genid)

return r;

r = rcu_dereference(r->u.dst.rt_next);

}

@@ -312,6 +314,8 @@ static struct rtable *rt_cache_get_next(struct rt_cache_iter_state *st,

struct rtable *r)

{

while ((r = __rt_cache_get_next(st, r)) != NULL) {

+ if (r->u.dst.dev->nd_net != st->p.net)

+ continue;

if (r->rt_genid == st->genid)

break;

}

@@ -398,7 +402,7 @@ static const struct seq_operations rt_cache_seq_ops = {

static int rt_cache_seq_open(struct inode *inode, struct file *file)

{

- return seq_open_private(file, &rt_cache_seq_ops,

```
+ return seq_open_net(inode, file, &rt_cache_seq_ops,  
    sizeof(struct rt_cache_iter_state));  
}
```

```
@@ -407,7 +411,7 @@ static const struct file_operations rt_cache_seq_fops = {  
    .open = rt_cache_seq_open,  
    .read = seq_read,  
    .llseek = seq_lseek,  
- .release = seq_release_private,  
+ .release = seq_release_net,  
};
```

```
--  
1.5.3.rc5
```
