
Subject: [PATCH 12/17 net-2.6.26] [NETNS]: Process /proc/net/rt_cache 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)

#endif 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_llseek,
-   .release = seq_release_private,
+   .release = seq_release_net,
};

--
```

1.5.3.rc5
