Subject: [PATCH 4/4] netns: prevent usage of flowi with not initialized fl_net in routing
Posted by den on Tue, 04 Dec 2007 09:54:35 GMT
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Prevent usage of flowi with not initialized fl_net in routing. This is
a temporary measure to simplify maintenance of the patchset.

Signed-off-by: Denis V. Lunev <den@openvz.org>
---
 net/ipv4/route.c | 1 +
 net/ipv6/fib6_rules.c | 1 +
 net/ipv6/ip6_fib.c | 1 +
 3 files changed, 3 insertions(+), 0 deletions(-)

```
diff --git a/net/ipv4/route.c b/net/ipv4/route.c
index 84a7f32..996fd9e 100644
--- a/net/ipv4/route.c
+++ b/net/ipv4/route.c
@@ -2444,6 +2444,7 @@ int ip_route_output_flow(struct rtable **rp, struct flowi *flp, struct sock
*sk,
 {
  int err;

+ BUG_ON(flp->fl_net == NULL);
  if ((err = __ip_route_output_key(rp, flp)) != 0)
   return err;

diff --git a/net/ipv6/fib6_rules.c b/net/ipv6/fib6_rules.c
index 428c6b0..326ea69 100644
--- a/net/ipv6/fib6_rules.c
+++ b/net/ipv6/fib6_rules.c
@@ -38,6 +38,7 @@ struct dst_entry *fib6_rule_lookup(struct flowi *fl, int flags,
   .lookup_ptr = lookup,
  };

+ BUG_ON(fl->fl_net == NULL);
  fib_rules_lookup(&fib6_rules_ops, fl, flags, &arg);
  if (arg.rule)
   fib_rule_put(arg.rule);
diff --git a/net/ipv6/ip6_fib.c b/net/ipv6/ip6_fib.c
index 31b60a0..706cb72 100644
--- a/net/ipv6/ip6_fib.c
+++ b/net/ipv6/ip6_fib.c
@@ -282,6 +282,7 @@ struct fib6_table *fib6_get_table(u32 id)
 struct dst_entry *fib6_rule_lookup(struct flowi *fl, int flags,
       pol_lookup_t lookup)
 {
```

```
+ BUG_ON(fl->fl_net == NULL);
  return (struct dst_entry *) lookup(&fib6_main_tbl, fl, flags);
 }

--
1.5.3.rc5
```

Subject: Re: [PATCH 4/4] netns: prevent usage of flowi with not initialized fl_net in routing
Posted by Patrick McHardy on Tue, 04 Dec 2007 14:38:38 GMT
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Denis V. Lunev wrote:
> Prevent usage of flowi with not initialized fl_net in routing. This is
> a temporary measure to simplify maintenance of the patchset.

Please use WARN_ON, its not nice to crash peoples machines
in case you missed something.