
Subject: [PATCH 1/6] [IPV4]: Fix memory leak on error path during FIB initialization.
Posted by [den](#) on Thu, 31 Jan 2008 12:00:45 GMT

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net->ipv4.fib_table_hash is not freed when fib4_rules_init failed. The problem has been introduced by the following commit.

commit c8050bf6d84785a7edd2e81591e8f833231477e8

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Date: Thu Jan 10 03:28:24 2008 -0800

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

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

1 files changed, 9 insertions(+), 1 deletions(-)

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

index d282618..d0507f4 100644

--- a/net/ipv4/fib_frontend.c

+++ b/net/ipv4/fib_frontend.c

@@ -975,6 +975,7 @@ static struct notifier_block fib_netdev_notifier = {

static int __net_init ip_fib_net_init(struct net *net)

{

+ int err;

unsigned int i;

net->ipv4.fib_table_hash = kzalloc(

@@ -985,7 +986,14 @@ static int __net_init ip_fib_net_init(struct net *net)

for (i = 0; i < FIB_TABLE_HASHSZ; i++)

INIT_HLIST_HEAD(&net->ipv4.fib_table_hash[i]);

- return fib4_rules_init(net);

+ err = fib4_rules_init(net);

+ if (err < 0)

+ goto fail;

+ return 0;

+

+fail:

+ kfree(net->ipv4.fib_table_hash);

+ return err;

}

static void __net_exit ip_fib_net_exit(struct net *net)

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1.5.3.rc5
