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Subject: [PATCH 1/7 net-2.6.25] [IPV4]: Fix memory leak on error path during FIB initialization.

Posted by [den](#) on Fri, 25 Jan 2008 13:51:57 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

Author: Denis V. Lunev <den@openvz.org>

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

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

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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

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