
Subject: [PATCH net-2.6.25] [IPV4] fib_rules_unregister is essentially void.

Posted by [den](#) on Mon, 14 Jan 2008 13:48:21 GMT

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fib_rules_unregister is called only after successful register and the return code is never checked.

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```
include/net/fib_rules.h |  2 ++
net/core/fib_rules.c   | 21 +++++-----
2 files changed, 5 insertions(+), 18 deletions(-)

diff --git a/include/net/fib_rules.h b/include/net/fib_rules.h
index 88f870f..34349f9 100644
--- a/include/net/fib_rules.h
+++ b/include/net/fib_rules.h
@@ -104,7 +104,7 @@ static inline u32 frh_get_table(struct fib_rule_hdr *frh, struct nla **nla)
}

extern int fib_rules_register(struct net *, struct fib_rules_ops *);
-extern int fib_rules_unregister(struct net *, struct fib_rules_ops *);
+extern void fib_rules_unregister(struct net *, struct fib_rules_ops *);
extern void          fib_rules_cleanup_ops(struct fib_rules_ops *);

extern int  fib_rules_lookup(struct fib_rules_ops *,
diff --git a/net/core/fib_rules.c b/net/core/fib_rules.c
index 0eecf4c..42ccaf5 100644
--- a/net/core/fib_rules.c
+++ b/net/core/fib_rules.c
@@ -115,29 +115,16 @@ void fib_rules_cleanup_ops(struct fib_rules_ops *ops)
}
EXPORT_SYMBOL_GPL(fib_rules_cleanup_ops);

-int fib_rules_unregister(struct net *net, struct fib_rules_ops *ops)
+void fib_rules_unregister(struct net *net, struct fib_rules_ops *ops)
{
- int err = 0;
- struct fib_rules_ops *o;

    spin_lock(&net->rules_mod_lock);
- list_for_each_entry(o, &net->rules_ops, list) {
- if (o == ops) {
- list_del_rcu(&o->list);
- fib_rules_cleanup_ops(ops);
- goto out;
- }
- }
```

```
- err = -ENOENT;
-out:
+ list_del_rcu(&ops->list);
+ fib_rules_cleanup_ops(ops);
 spin_unlock(&net->rules_mod_lock);

 synchronize_rcu();
-if (!err)
-release_net(net);
-
-return err;
+release_net(net);
}
```

EXPORT_SYMBOL_GPL(fib_rules_unregister);

--
1.5.3.rc5
