
Subject: [PATCH 1/3 net-2.6.25] Add netns to fib_rules_ops.

Posted by [den](#) on Thu, 17 Jan 2008 10:09:16 GMT

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The backward link from FIB rules operations to the network namespace will allow to simplify the API a bit.

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```
include/net/fib_rules.h | 1 +
net/decnet/dn_rules.c   | 1 +
net/ipv4/fib_rules.c    | 2 ++
net/ipv6/fib6_rules.c   | 1 +
4 files changed, 5 insertions(+), 0 deletions(-)
```

diff --git a/include/net/fib_rules.h b/include/net/fib_rules.h

index 4f47250..6910e01 100644

--- a/include/net/fib_rules.h

+++ b/include/net/fib_rules.h

@@ -67,6 +67,7 @@ struct fib_rules_ops

const struct nla_policy *policy;

struct list_head rules_list;

struct module *owner;

+ struct net *fro_net;

};

#define FRA_GENERIC_POLICY \

diff --git a/net/decnet/dn_rules.c b/net/decnet/dn_rules.c

index c1fae23..964e658 100644

--- a/net/decnet/dn_rules.c

+++ b/net/decnet/dn_rules.c

@@ -249,6 +249,7 @@ static struct fib_rules_ops dn_fib_rules_ops = {

.policy = dn_fib_rule_policy,

.rules_list = LIST_HEAD_INIT(dn_fib_rules_ops.rules_list),

.owner = THIS_MODULE,

+ .fro_net = &init_net,

};

void __init dn_fib_rules_init(void)

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

index 72232ab..8d0ebe7 100644

--- a/net/ipv4/fib_rules.c

+++ b/net/ipv4/fib_rules.c

@@ -315,6 +315,8 @@ int __net_init fib4_rules_init(struct net *net)

if (ops == NULL)

return -ENOMEM;

INIT_LIST_HEAD(&ops->rules_list);

```
+ ops->fro_net = net;
+
  fib_rules_register(net, ops);

  err = fib_default_rules_init(ops);
diff --git a/net/ipv6/fib6_rules.c b/net/ipv6/fib6_rules.c
index 76437a1..ead5ab2 100644
--- a/net/ipv6/fib6_rules.c
+++ b/net/ipv6/fib6_rules.c
@@ -249,6 +249,7 @@ static struct fib_rules_ops fib6_rules_ops = {
  .policy   = fib6_rule_policy,
  .rules_list = LIST_HEAD_INIT(fib6_rules_ops.rules_list),
  .owner    = THIS_MODULE,
+ .fro_net = &init_net,
  };

static int __init fib6_default_rules_init(void)
--
1.5.3.rc5
```
