
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
