
Subject: [PATCH] [NETNS 2/4 net-2.6.25] Memory leak on network namespace stop.

Posted by [den](#) on Fri, 18 Jan 2008 12:53:14 GMT

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Network namespace allocates 2 kernel netlink sockets, fibnl & rtnl. These sockets should be disposed properly, i.e. by sock_release. Plain sock_put is not enough.

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```
net/core/rtnetlink.c | 2 +-
net/ipv4/fib_frontend.c | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)
```

```
diff --git a/net/core/rtnetlink.c b/net/core/rtnetlink.c
```

```
index 4a07e83..2c1f665 100644
```

```
--- a/net/core/rtnetlink.c
```

```
+++ b/net/core/rtnetlink.c
```

```
@@ -1381,7 +1381,7 @@ static void rtnetlink_net_exit(struct net *net)
```

```
 * free.
```

```
 */
```

```
 sk->sk_net = get_net(&init_net);
```

```
- sock_put(sk);
```

```
+ sock_release(net->rtnl->sk_socket);
```

```
 net->rtnl = NULL;
```

```
 }
```

```
 }
```

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

```
index 8ddcd3f..4e5216e 100644
```

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

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

```
@@ -881,7 +881,7 @@ static void nl_fib_lookup_exit(struct net *net)
```

```
 * initial network namespace. So the socket will be safe to free.
```

```
 */
```

```
 net->ipv4.fibnl->sk_net = get_net(&init_net);
```

```
- sock_put(net->ipv4.fibnl);
```

```
+ sock_release(net->ipv4.fibnl->sk_socket);
```

```
 }
```

```
static void fib_disable_ip(struct net_device *dev, int force)
```

```
--
```

```
1.5.3.rc5
```
