
Subject: [PATCH 7/12 net-2.6.26] No need for a separate __netlink_release call.
Posted by [den](#) on Fri, 29 Feb 2008 13:40:53 GMT

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Merge it to netlink_kernel_release.

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```
net/netlink/af_netlink.c | 30 ++++++-----
```

```
1 files changed, 12 insertions(+), 18 deletions(-)
```

```
diff --git a/net/netlink/af_netlink.c b/net/netlink/af_netlink.c
```

```
index 1ab0da2..e6b636d 100644
```

```
--- a/net/netlink/af_netlink.c
```

```
+++ b/net/netlink/af_netlink.c
```

```
@@ -1344,22 +1344,6 @@ static void netlink_data_ready(struct sock *sk, int len)
```

```
 * queueing.
```

```
 */
```

```
-static void __netlink_release(struct sock *sk)
```

```
-{
```

```
- /*
```

```
- * Last sock_put should drop reference to sk->sk_net. It has already
```

```
- * been dropped in netlink_kernel_create. Taking reference to stopping
```

```
- * namespace is not an option.
```

```
- * Take reference to a socket to remove it from netlink lookup table
```

```
- * _alive_ and after that destroy it in the context of init_net.
```

```
- */
```

```
-
```

```
- sock_hold(sk);
```

```
- sock_release(sk->sk_socket);
```

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

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

```
-}
```

```
-
```

```
struct sock *
```

```
netlink_kernel_create(struct net *net, int unit, unsigned int groups,
```

```
void (*input)(struct sk_buff *skb),
```

```
@@ -1424,7 +1408,7 @@ netlink_kernel_create(struct net *net, int unit, unsigned int groups,
```

```
out_sock_release:
```

```
kfree(listeners);
```

```
- __netlink_release(sk);
```

```
+ netlink_kernel_release(sk);
```

```
return NULL;
```

```
out_sock_release_nosk:
```

```
@@ -1437,10 +1421,20 @@ EXPORT_SYMBOL(netlink_kernel_create);
void
netlink_kernel_release(struct sock *sk)
{
+ /*
+ * Last sock_put should drop reference to sk->sk_net. It has already
+ * been dropped in netlink_kernel_create. Taking reference to stopping
+ * namespace is not an option.
+ * Take reference to a socket to remove it from netlink lookup table
+ * _alive_ and after that destroy it in the context of init_net.
+ */
  if (sk == NULL || sk->sk_socket == NULL)
    return;

- __netlink_release(sk);
+ sock_hold(sk);
+ sock_release(sk->sk_socket);
+ sk->sk_net = get_net(&init_net);
+ sock_put(sk);
}
EXPORT_SYMBOL(netlink_kernel_release);

--
1.5.3.rc5
```

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<https://lists.linux-foundation.org/mailman/listinfo/containers>
