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Subject: [PATCH] table->lock initialization move  
Posted by [Mishin Dmitry](#) on Mon, 17 Apr 2006 11:14:01 GMT  
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xt\_table->lock should be initialized before xt\_replace\_table() call, which uses it. This patch removes strict requirement, that table should define lock before registering.

Signed-off-by: Dmitry Mishin <dim@openvz.org>  
Signed-off-by: Kirill Korotaev <dev@openvz.org>

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Thanks,  
Dmitry.

```
diff --git a/net/netfilter/x_tables.c b/net/netfilter/x_tables.c
index 00cf0a4..17abf60 100644
--- a/net/netfilter/x_tables.c
+++ b/net/netfilter/x_tables.c
@@ -529,6 +529,7 @@ int xt_register_table(struct xt_table *t

/* Simplifies replace_table code. */
table->private = bootstrap;
+ rwlock_init(&table->lock);
if (!xt_replace_table(table, 0, newinfo, &ret))
goto unlock;

@@ -538,7 +539,6 @@ int xt_register_table(struct xt_table *t
/* save number of initial entries */
private->initial_entries = private->number;

- rwlock_init(&table->lock);
list_prepend(&xt[table->af].tables, table);

ret = 0;
```

## File Attachments

1) [diff-net-netfilter-xt-lock-20060417](#), downloaded 293 times

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Subject: Re: [PATCH] table->lock initialization move  
Posted by [Patrick McHardy](#) on Thu, 20 Apr 2006 23:26:38 GMT  
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Dmitry Mishin wrote:

> xt\_table->lock should be initialized before xt\_replace\_table() call, which  
> uses it. This patch removes strict requirement, that table should define lock  
> before registering.

Applied, thanks.

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