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 417 times

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.