
Subject: [PATCH 1/2] cleanup pernet operation without CONFIG_NET_NS

Posted by [den](#) on Wed, 07 Nov 2007 11:57:18 GMT

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If CONFIG_NET_NS is not set, the only namespace is possible.

This patch removes list of pernet_operations and cleanups code a bit.
This list is not needed if there are no namespaces. We should just call
->init method.

Additionally, the ->exit will be called on module unloading only. This
case is safe - the code is not discarded. For the in/kernel code, ->exit
should never be called.

Signed-off-by: Denis V. Lunev <den@openvz.org>

```
--- ./net/core/net_namespace.c.netinitdata 2007-10-15 13:55:25.000000000 +0400
```

```
+++ ./net/core/net_namespace.c 2007-11-06 14:33:14.000000000 +0300
```

```
@@ -179,6 +180,7 @@ static int __init net_ns_init(void)
```

```
pure_initcall(net_ns_init);
```

```
+#ifdef CONFIG_NET_NS
```

```
static int register_pernet_operations(struct list_head *list,  
    struct pernet_operations *ops)
```

```
{
```

```
@@ -220,6 +222,23 @@ static void unregister_pernet_operations  
ops->exit(net);
```

```
}
```

```
+#else
```

```
+
```

```
+static int register_pernet_operations(struct list_head *list,  
+    struct pernet_operations *ops)
```

```
+{
```

```
+ if (ops->init == NULL)
```

```
+ return 0;
```

```
+ return ops->init(&init_net);
```

```
+}
```

```
+
```

```
+static void unregister_pernet_operations(struct pernet_operations *ops)
```

```
+{
```

```
+ if (ops->exit)
```

```
+ ops->exit(&init_net);
```

```
+}
```

```
+#endif
```

```
+
```

```
/**
```

- * register_pernet_subsys - register a network namespace subsystem
 - * @ops: pernet operations structure for the subsystem
-

Subject: Re: [PATCH 1/2] cleanup pernet operation without CONFIG_NET_NS
Posted by [davem](#) on Tue, 13 Nov 2007 11:24:07 GMT

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From: "Denis V. Lunev" <den@openvz.org>

Date: Wed, 7 Nov 2007 15:00:07 +0300

> If CONFIG_NET_NS is not set, the only namespace is possible.
>
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> case is safe - the code is not discarded. For the in/kernel code, ->exit
> should never be called.
>
> Signed-off-by: Denis V. Lunev <den@openvz.org>

Applied.

Subject: Re: [PATCH 1/2] cleanup pernet operation without CONFIG_NET_NS
Posted by [ebiederm](#) on Thu, 15 Nov 2007 14:13:36 GMT

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"Denis V. Lunev" <den@openvz.org> writes:

> If CONFIG_NET_NS is not set, the only namespace is possible.
>
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> This list is not needed if there are no namespaces. We should just call
> ->init method.
>
> Additionally, the ->exit will be called on module unloading only. This
> case is safe - the code is not discarded. For the in/kernel code, ->exit
> should never be called.

This patch looks sane, and reasonable in the !CONFIG_NET_NS case.

Eric

Containers mailing list

