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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](mailto: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](mailto:den@openvz.org)>

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

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> should never be called.

>

> Signed-off-by: Denis V. Lunev <[den@openvz.org](mailto:den@openvz.org)>

Applied.

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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](mailto:den@openvz.org)> writes:

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>

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> 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

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Containers mailing list

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

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