
Subject: [PATCH 5/5] Hide the net_ns kmem cache
Posted by [Pavel Emelianov](#) on Wed, 31 Oct 2007 18:30:53 GMT
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This cache is only required to create new namespaces,
but we won't have them in CONFIG_NET_NS=n case.

Hide it under the appropriate ifdef.

Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

```
diff --git a/net/core/net_namespace.c b/net/core/net_namespace.c
index a044e2d..e9f0964 100644
--- a/net/core/net_namespace.c
+++ b/net/core/net_namespace.c
@@ -17,8 +17,6 @@ static DEFINE_MUTEX(net_mutex);

LIST_HEAD(net_namespace_list);

-static struct kmem_cache *net_cachep;
-
struct net init_net;
EXPORT_SYMBOL_GPL(init_net);

@@ -59,6 +57,8 @@ out_undo:
}

#ifdef CONFIG_NET_NS
+static struct kmem_cache *net_cachep;
+
static struct net *net_alloc(void)
{
    return kmem_cache_zalloc(net_cachep, GFP_KERNEL);
@@ -167,9 +167,11 @@ static int __init net_ns_init(void)
int err;

    printk(KERN_INFO "net_namespace: %zd bytes\n", sizeof(struct net));
+ifdef CONFIG_NET_NS
    net_cachep = kmem_cache_create("net_namespace", sizeof(struct net),
        SMP_CACHE_BYTES,
        SLAB_PANIC, NULL);
+endif
    mutex_lock(&net_mutex);
    err = setup_net(&init_net);
```

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