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Subject: [net-2.6.24][NETNS][patch 0/1] fix allnoconfig compilation error  
Posted by [Daniel Lezcano](#) on Thu, 13 Sep 2007 06:01:51 GMT  
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fixes a compilation issue when allnoconfig is used.  
- init\_net is unresolved.

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Subject: [net-2.6.24][NETNS][patch 1/1] fix allnoconfig compilation error  
Posted by [Daniel Lezcano](#) on Thu, 13 Sep 2007 06:01:52 GMT  
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From: Daniel Lezcano <dlezcano@fr.ibm.com>

When CONFIG\_NET=no, init\_net is unresolved because net\_namespace.c  
is not compiled and the include pull init\_net definition.

This problem was very similar with the ipc namespace where the kernel  
can be compiled with SYSV ipc out.

This patch fix that defining a macro which simply remove init\_net  
initialization from nsproxy namespace aggregator.

Compiled and booted on qemu-i386 with CONFIG\_NET=no and CONFIG\_NET=yes.

Signed-off-by: Daniel Lezcano <dlezcano@fr.ibm.com>

Acked-by: "Eric W. Biederman" <ebiederm@xmission.com>

---

include/linux/init\_task.h | 2 +-  
include/net/net\_namespace.h | 7 +++++++  
2 files changed, 8 insertions(+), 1 deletion(-)

Index: net-2.6.24/include/linux/init\_task.h

```
=====
--- net-2.6.24.orig/include/linux/init_task.h
+++ net-2.6.24/include/linux/init_task.h
@@ -79,7 +79,7 @@ extern struct nsproxy init_nsproxy;
 .nslock = __SPIN_LOCK_UNLOCKED(nsproxy.nslock), \
 .uts_ns = &init_uts_ns, \
 .mnt_ns = NULL, \
- .net_ns = &init_net, \
+ INIT_NET_NS(net_ns) \
```

```
INIT_IPC_NS(ipc_ns) \
.user_ns = &init_user_ns, \
}
```

Index: net-2.6.24/include/net/net\_namespace.h

```
=====
--- net-2.6.24.orig/include/net/net_namespace.h
+++ net-2.6.24/include/net/net_namespace.h
@@ -28,7 +28,14 @@ struct net {
    struct hlist_head *dev_index_head;
};

#ifdef CONFIG_NET
/* Init's network namespace */
extern struct net init_net;
#define INIT_NET_NS(net_ns) .net_ns = &init_net,
#else
#define INIT_NET_NS(net_ns)
#endif
+
extern struct list_head net_namespace_list;

extern void __put_net(struct net *net);

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```

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Subject: Re: [net-2.6.24][NETNS][patch 1/1] fix allnoconfig compilation error  
Posted by [davem](#) on Thu, 13 Sep 2007 07:17:22 GMT

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From: dlezcano@fr.ibm.com

Date: Thu, 13 Sep 2007 08:01:52 +0200

> From: Daniel Lezcano <dlezcano@fr.ibm.com>

>

> When CONFIG\_NET=no, init\_net is unresolved because net\_namespace.c

> is not compiled and the include pull init\_net definition.

>

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>

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>  
> Signed-off-by: Daniel Lezcano <dlezcano@fr.ibm.com>  
> Acked-by: "Eric W. Biederman" <ebiederm@xmission.com>

Applied to net-2.6.24, thanks.

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