
Subject: [PATCH][NETNS] Don't memset() netns to zero manually

Posted by [Pavel Emelianov](#) on Tue, 09 Oct 2007 11:48:19 GMT

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The newly created net namespace is set to 0 with memset() in setup_net(). The setup_net() is also called for the init_net_ns(), which is zeroed naturally as a global var.

So remove this memset and allocate new nets with the kmem_cache_zalloc().

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

```
diff --git a/net/core/net_namespace.c b/net/core/net_namespace.c
```

```
index 0e0ca6d..6f71db8 100644
```

```
--- a/net/core/net_namespace.c
```

```
+++ b/net/core/net_namespace.c
```

```
@@ -24,7 +24,7 @@ EXPORT_SYMBOL_GPL(init_net);
```

```
static struct net *net_alloc(void)
```

```
{  
- return kmem_cache_alloc(net_cachep, GFP_KERNEL);  
+ return kmem_cache_zalloc(net_cachep, GFP_KERNEL);  
}
```

```
static void net_free(struct net *net)
```

```
@@ -90,7 +90,6 @@ static int setup_net(struct net *net)
```

```
    struct pernet_operations *ops;  
    int error;
```

```
- memset(net, 0, sizeof(struct net));  
    atomic_set(&net->count, 1);  
    atomic_set(&net->use_count, 0);
```

Subject: Re: [PATCH][NETNS] Don't memset() netns to zero manually

Posted by [davem](#) on Tue, 09 Oct 2007 20:02:37 GMT

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From: Pavel Emelyanov <xemul@openvz.org>

Date: Tue, 09 Oct 2007 15:48:19 +0400

> The newly created net namespace is set to 0 with memset()
> in setup_net(). The setup_net() is also called for the
> init_net_ns(), which is zeroed naturally as a global var.
>

> So remove this memset and allocate new nets with the
> kmem_cache_zalloc().
>
> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

Applied, thanks Pavel!
