
Subject: [PATCH 9/14][VLAN]: Add net argument to proc init/cleanup calls.

Posted by [Pavel Emelianov](#) on Thu, 10 Apr 2008 14:55:34 GMT

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Proc files will be created in each net, so prepare them for this change just to make patches smaller.

The net != &init_net checks in them are for git-bisect sanity, but I'll drop them soon.

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

```
net/8021q/vlan.c | 15 ++++++-----  
net/8021q/vlanproc.c | 12 ++++++----  
net/8021q/vlanproc.h | 10 ++++++----  
3 files changed, 22 insertions(+), 15 deletions(-)
```

```
diff --git a/net/8021q/vlan.c b/net/8021q/vlan.c  
index 9296601..541542e 100644  
--- a/net/8021q/vlan.c  
+++ b/net/8021q/vlan.c  
@@ -642,8 +642,14 @@ static int vlan_init_net(struct net *net)  
 if (err < 0)  
     goto err_assign;  
  
+ err = vlan_proc_init(net);  
+ if (err < 0)  
+     goto err_proc;  
+  
 return 0;  
  
+err_proc:  
+ /* nothing */  
err_assign:  
 kfree(vn);  
err_alloc:  
@@ -655,6 +661,7 @@ static void vlan_exit_net(struct net *net)  
 struct vlan_net *vn;  
  
     vn = net_generic(net, vlan_net_id);  
+     vlan_proc_cleanup(net);  
     kfree(vn);  
 }  
  
@@ -674,10 +681,6 @@ static int __init vlan_proto_init(void)  
 if (err < 0)  
     goto err0;
```

```

- err = vlan_proc_init();
- if (err < 0)
- goto err1;
-
err = register_netdevice_notifier(&vlan_notifier_block);
if (err < 0)
goto err2;
@@ -693,8 +696,6 @@ static int __init vlan_proto_init(void)
err3:
 unregister_netdevice_notifier(&vlan_notifier_block);
err2:
- vlan_proc_cleanup();
-err1:
 unregister_pernet_gen_device(vlan_net_id, &vlan_net_ops);
err0:
 return err;
@@ -715,8 +716,6 @@ static void __exit vlan_cleanup_module(void)
for (i = 0; i < VLAN_GRP_HASH_SIZE; i++)
BUG_ON(!hlist_empty(&vlan_group_hash[i]));

- vlan_proc_cleanup();
-
 unregister_pernet_gen_device(vlan_net_id, &vlan_net_ops);

 synchronize_net());
diff --git a/net/8021q/vlanproc.c b/net/8021q/vlanproc.c
index 24cd96e..4d13aeb 100644
--- a/net/8021q/vlanproc.c
+++ b/net/8021q/vlanproc.c
@@ -138,8 +138,11 @@ static const char *vlan_name_type_str[VLAN_NAME_TYPE_HIGHEST]
= {
 * Clean up /proc/net/vlan entries
 */
void vlan_proc_cleanup(void)
+void vlan_proc_cleanup(struct net *net)
{
+ if (net != &init_net)
+ return;
+
 if (proc_vlan_conf)
 remove_proc_entry(name_conf, proc_vlan_dir);

@@ -155,8 +158,11 @@ void vlan_proc_cleanup(void)
 * Create /proc/net/vlan entries
 */

```

```

-int __init vlan_proc_init(void)
+int vlan_proc_init(struct net *net)
{
+ if (net != &init_net)
+ return 0;
+
proc_vlan_dir = proc_mkdir(name_root, init_net.proc_net);
if (!proc_vlan_dir)
goto err;
@@ -169,7 +175,7 @@ int __init vlan_proc_init(void)

err:
pr_err("%s: can't create entry in proc filesystem!\n", __func__);
- vlan_proc_cleanup();
+ vlan_proc_cleanup(net);
return -ENOBUFS;
}

diff --git a/net/8021q/vlanproc.h b/net/8021q/vlanproc.h
index da542ca..063f60a 100644
--- a/net/8021q/vlanproc.h
+++ b/net/8021q/vlanproc.h
@@ -2,15 +2,17 @@
#define __BEN_VLAN_PROC_INC__

#endif CONFIG_PROC_FS
-int vlan_proc_init(void);
+struct net;
+
+int vlan_proc_init(struct net *net);
int vlan_proc_rem_dev(struct net_device *vlandev);
int vlan_proc_add_dev(struct net_device *vlandev);
-void vlan_proc_cleanup(void);
+void vlan_proc_cleanup(struct net *net);

#else /* No CONFIG_PROC_FS */

#define vlan_proc_init() (0)
#define vlan_proc_cleanup() do {} while (0)
#define vlan_proc_init(net) (0)
#define vlan_proc_cleanup(net) do {} while (0)
#define vlan_proc_add_dev(dev) ((void)(dev), 0; )
#define vlan_proc_rem_dev(dev) ((void)(dev), 0; )
#endif

-- 
1.5.3.4

```

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Containers@lists.linux-foundation.org
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