
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 Emelianov <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 -ENOBUFFS;
}

```

```

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__

```

```

#ifdef 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

```

```
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```

1.5.3.4

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