
Subject: [PATCH][VLAN]: Fix egress priority mappings leak.
Posted by [Pavel Emelianov](#) on Fri, 04 Apr 2008 09:44:01 GMT
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These entries are allocated in vlan_dev_set_egress_priority,
but are never released and leaks on vlan device removal.

Drop these in vlan's ->uninit callback - after the device is
brought down and everyone is notified about it is going to
be unregistered.

Found during testing vlan netnsization patchset.

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

```
diff --git a/net/8021q/vlan_dev.c b/net/8021q/vlan_dev.c
index 480ea90..41a76a0 100644
--- a/net/8021q/vlan_dev.c
+++ b/net/8021q/vlan_dev.c
@@ -692,6 +692,20 @@ static int vlan_dev_init(struct net_device *dev)
     return 0;
 }

+static void vlan_dev_uninit(struct net_device *dev)
+{
+    struct vlan_priority_tci_mapping *pm;
+    struct vlan_dev_info *vlan = vlan_dev_info(dev);
+    int i;
+    for (i = 0; i < ARRAY_SIZE(vlan->egress_priority_map); i++) {
+        while ((pm = vlan->egress_priority_map[i]) != NULL) {
+            vlan->egress_priority_map[i] = pm->next;
+            kfree(pm);
+        }
+    }
+}
+
void vlan_setup(struct net_device *dev)
{
    ether_setup(dev);
@@ -701,6 +715,7 @@ void vlan_setup(struct net_device *dev)

    dev->change_mtu = vlan_dev_change_mtu;
    dev->init = vlan_dev_init;
+    dev->uninit = vlan_dev_uninit;
    dev->open = vlan_dev_open;
```

```
dev->stop = vlan_dev_stop;  
dev->set_mac_address = vlan_dev_set_mac_address;
```
