

---

Subject: [PATCH 2/4] Make and use skb\_get\_queue\_mapping  
Posted by Pavel Emelianov on Fri, 19 Oct 2007 09:02:31 GMT  
[View Forum Message](#) <[Reply to Message](#)

---

Make the helper for getting the field, symmetrical to  
the "set" one. Return 0 if CONFIG\_NETDEVICES\_MULTIQUEUE=n

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

---

```
diff --git a/drivers/net/cpmac.c b/drivers/net/cpmac.c
index ed53aaa..ae41973 100644
--- a/drivers/net/cpmac.c
+++ b/drivers/net/cpmac.c
@@ -471,7 +471,7 @@ static int cpmac_start_xmit(struct sk_buff *skb, struct net_device *dev)
}

len = max(skb->len, ETH_ZLEN);
- queue = skb->queue_mapping;
+ queue = skb_get_queue_mapping(skb);
#ifndef CONFIG_NETDEVICES_MULTIQUEUE
    netif_stop_subqueue(dev, queue);
#else
diff --git a/include/linux/skbuff.h b/include/linux/skbuff.h
index f93f22b..580ed1f 100644
--- a/include/linux/skbuff.h
+++ b/include/linux/skbuff.h
@@ -1770,6 +1771,15 @@ static inline void skb_set_queue_mapping(struct sk_buff *skb, u16
queue_mapping)
#endif
}

+static inline u16 skb_get_queue_mapping(struct sk_buff *skb)
+{
+#ifndef CONFIG_NETDEVICES_MULTIQUEUE
+ return skb->queue_mapping;
+#else
+ return 0;
+#endif
+}
+
static inline void skb_copy_queue_mapping(struct sk_buff *to, const struct sk_buff *from)
{
#ifndef CONFIG_NETDEVICES_MULTIQUEUE
diff --git a/net/sched/sch_teql.c b/net/sched/sch_teql.c
index be57cf3..421281d 100644
--- a/net/sched/sch_teql.c
```

```
+++ b/net/sched/sch_teql.c
@@ -266,7 +266,7 @@ static int teql_master_xmit(struct sk_buff *skb, struct net_device *dev)
    int busy;
    int nores;
    int len = skb->len;
-   int subq = skb->queue_mapping;
+   int subq = skb_get_queue_mapping(skb);
    struct sk_buff *skb_res = NULL;

    start = master->slaves;
```

---