
Subject: [PATCH 2/4] Make and use skb_get_queue_mapping
Posted by [Pavel Emelianov](#) on Fri, 19 Oct 2007 09:02:31 GMT
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Make the helper for getting the field, symmetrical to
the "set" one. Return 0 if CONFIG_NETDEVICES_MULTIQUEUE=n

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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);
#ifdef 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)

+{
+#ifdef 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)
{

#ifdef 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_teq.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;
```
