
Subject: Re: [PATCH 1/4] net: Dynamically allocate the per cpu counters for the loopback device.

Posted by [davem](#) on Thu, 27 Sep 2007 05:09:01 GMT

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From: ebiederm@xmission.com (Eric W. Biederman)

Date: Wed, 26 Sep 2007 17:53:40 -0600

>
> This patch add support for dynamically allocating the statistics counters
> for the loopback device and adds appropriate device methods for allocating
> and freeing the loopback device.
>
> This completes support for creating multiple instances of the loopback
> device, in preparation for creating per network namespace instances.
>
> Signed-off-by: Eric W. Biederman <ebiederm@xmission.com>

Applied to net-2.6.24, thanks.

> @@ -155,7 +154,8 @@ static int loopback_xmit(struct sk_buff *skb, struct net_device *dev)
> dev->last_rx = jiffies;
>
> /* it's OK to use __get_cpu_var() because BHs are off */
> - lb_stats = &__get_cpu_var(pcpu_lstats);
> + pcpu_lstats = netdev_priv(dev);
> + lb_stats = per_cpu_ptr(pcpu_lstats, smp_processor_id());
> lb_stats->bytes += skb->len;
> lb_stats->packets++;
>

I'm going to add a followon change that gets rid of that comment about __get_cpu_var() since it is no longer relevant.

Containers mailing list

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