
Subject: Re: [PATCH] Don't create tunnels with '%' in name.
Posted by [Pavel Emelianov](#) on Thu, 21 Feb 2008 12:17:27 GMT
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Patrick McHardy wrote:

> Pavel Emelianov wrote:

>> Four tunnel drivers (ip_gre, ipip, ip6_tunnel and sit) can
>> receive a pre-defined name for a device from the userspace.
>> Since these drivers call the register_netdevice() after this
>> (rtnl_lock is held), the device's name may contain a '%'
>> character.

>>
>> Not sure how bad is this to have a device with a '%' in its
>> name, but all the other places either use the register_netdev(),
>> or explicitly call dev_alloc_name() before registering, i.e.
>> do not allow for such names.

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

>>
>> ---
>>
>> diff --git a/net/ipv4/ip_gre.c b/net/ipv4/ip_gre.c
>> index 63f6917..6b9744f 100644
>> --- a/net/ipv4/ip_gre.c
>> +++ b/net/ipv4/ip_gre.c
>> @@ -274,19 +274,24 @@ static struct ip_tunnel * ipgre_tunnel_locate(struct ip_tunnel_parm
*parms, int
>> if (!dev)
>> return NULL;
>>
>> + if (strchr(name, '%')) {
>> + if (dev_alloc_name(dev, name) < 0)
>> + goto failed_free;
>> + }
>> +
>
>
> It would be nicer to replace the entire hand-made name
> allocation to remove the 100 device limit.
>

Actually, I thought the same, but fixing % in names looks like a
BUG-fix for 2.6.25, while removing the hand-made name allocation
looks like an enhancement for 2.6.26. No?

Thanks,
Pavel
