Subject: Re: [PATCH 3/7 net-2.6.25] [IPV4]: Prohibit assignment of 0.0.0.0 as interface address.
Posted by den on Fri, 25 Jan 2008 14:13:32 GMT

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Daniel Lezcano wrote:
> Denis V. Lunev wrote:
>> I could hardly imagine why sombady needs to assign 0.0.0.0 as an
>> interface
>> address or interface destination address. The kernel will behave in a
>> strage
>> way in several places if this is possible, as ifa_local != 0 is
>> considered
>> as initialized/non-initialized state of the ifa.
>
> AFAICS, we should be able to set at an interface address to 0.0.0.0, in
> order to remove an IP address from an interface and keep this one up.
> I see two trivial cases:
> * remove the ipv4 on an interface but continue to use it through ipv6
> * move ipv4 address from the interface to an attached bridge

For this case there is an IOCTL/netlink "remove IP address".