Subject: Re: [PATCH][IPVS] Fix compiler warning about unused register_ip_vs_protocol
Posted by davem on Tue, 20 Nov 2007 12:12:30 GMT
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From: Pavel Emelyanov <xemul@openvz.org>
Date: Tue, 20 Nov 2007 15:08:42 +0300

> This is silly, but I have turned the CONFIG_IP_VS to m,
> to check the compilation of one (recently sent) fix
> and set all the CONFIG_IP_VS_PROTO_XXX options to n to
> speed up the compilation.
>
> In this configuration the compiler warns me about
>
> CC [M] net/ipv4/ipvs/ip_vs_proto.o
> net/ipv4/ipvs/ip_vs_proto.c:49: warning: ‘register_ip_vs_protocol’ defined but not used
>
> Indeed. With no protocols selected there are no
> calls to this function - all are compiled out with
> ifdefs.
>
> Maybe the best fix would be to surround this call with
> ifdef-s or tune the Kconfig dependences, but I think that
> marking this register function as __used is enough. No?
>
> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

No nice solutions indeed.

Simon, how should do you think we should handle this?

> diff --git a/net/ipv4/ipvs/ip_vs_proto.c b/net/ipv4/ipvs/ip_vs_proto.c
> index e844ddb..c0e11ec 100644
> --- a/net/ipv4/ipvs/ip_vs_proto.c
> +++ b/net/ipv4/ipvs/ip_vs_proto.c
> @@ -45,7 +45,7 @@ static struct ip_vs_protocol
*ip_vs_proto_table[IP_VS_PROTO_TAB_SIZE];
> /*
> * register an ipvs protocol
> */
> -static int register_ip_vs_protocol(struct ip_vs_protocol *pp)
> +static int __used register_ip_vs_protocol(struct ip_vs_protocol *pp)
> {
> unsigned hash = IP_VS_PROTO_HASH(pp->protocol);
>
> --
> 1.5.3.4

>