
Subject: Re: [PATCH][IPVS] Fix compiler warning about unused
register_ip_vs_protocol

Posted by [davem](#) on Wed, 21 Nov 2007 01:44:24 GMT

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From: Simon Horman <horms@verge.net.au>

Date: Wed, 21 Nov 2007 10:38:02 +0900

> On Tue, Nov 20, 2007 at 03:08:42PM +0300, Pavel Emelyanov wrote:
> > 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: \$B!F (Bregister_ip_vs_protocol \$B!G (B 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>
>
> That is kind of interesting.
>
> On the one hand it might be more correct in some way to use some Kconfig
> foo to get rid of register_ip_vs_protocol, and also most of
> the body of \$B!F (Bregister_ip_vs_protocol() if no protocols are defined.
>
> But on the other hand, its really a corner case, because in practice if
> you are going to use IPVS then you are going to need at least one
> protocol. So I'm happy with the simplicity of the __used solution, even
> though strictly speaking it is a lie.
>
> Acked-by: Simon Horman <horms@verge.net.au>

Ok, I've applied Pavel's patch.
