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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](mailto: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](mailto: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](mailto:horms@verge.net.au)>

Ok, I've applied Pavel's patch.

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