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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
```

>

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