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Subject: Re: [PATCH] Compact sk\_stream\_mem\_schedule() code  
Posted by [Arnaldo Carvalho de M\[1\]](#) on Mon, 19 Nov 2007 19:30:59 GMT  
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Em Mon, Nov 19, 2007 at 03:13:44PM +0300, Pavel Emelyanov escreveu:

> This function references sk->sk\_prot->xxx for many times.  
> It turned out, that there's so many code in it, that gcc  
> cannot always optimize access to sk->sk\_prot's fields.  
>  
> After saving the sk->sk\_prot on the stack and comparing  
> disassembled code, it turned out that the function became  
> ~10 bytes shorter and made less dereferences (on i386 and  
> x86\_64). Stack consumption didn't grow.  
>  
> Besides, this patch drives most of this function into the  
> 80 columns limit.  
>  
> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

I wonder if making it 'const struct proto \*prot = sk->sk\_prot;' would make any difference.

Acked-by: Arnaldo Carvalho de Melo <acme@redhat.com>

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