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Subject: Re: [RFC PATCH 5/5] syscall: sys\_fbind() introduced  
Posted by [Stanislav Kinsbursky](#) on Wed, 15 Aug 2012 16:43:49 GMT  
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> On 08/15/2012 09:22 AM, Stanislav Kinsbursky wrote:  
>> This syscall allows to bind socket to specified file descriptor.  
>> Descriptor can be gained by simple open with O\_PATH flag.  
>> Socket node can be created by sys\_mknod().  
>>  
>> Signed-off-by: Stanislav Kinsbursky <[skinsbursky@parallels.com](mailto:skinsbursky@parallels.com)>  
>> ---  
>> arch/x86/syscalls/syscall\_32.tbl | 1 +  
>> arch/x86/syscalls/syscall\_64.tbl | 1 +  
>> include/linux/syscalls.h | 1 +  
>> kernel/sys\_ni.c | 3 +++  
>> net/socket.c | 25 ++++++  
>> 5 files changed, 31 insertions(+), 0 deletions(-)  
>>  
>> diff --git a/arch/x86/syscalls/syscall\_32.tbl b/arch/x86/syscalls/syscall\_32.tbl  
>> index 7a35a6e..9594b82 100644  
>> --- a/arch/x86/syscalls/syscall\_32.tbl  
>> +++ b/arch/x86/syscalls/syscall\_32.tbl  
>> @@ -356,3 +356,4 @@  
>> 347 i386 process\_vm\_readv sys\_process\_vm\_readv compat\_sys\_process\_vm\_readv  
>> 348 i386 process\_vm\_writev sys\_process\_vm\_writev compat\_sys\_process\_vm\_writev  
>> 349 i386 kcmp sys\_kcmp  
>> +350 i386 fbind sys\_fbind  
>  
> i386 uses socketcalls... perhaps it shouldn't (socketcalls are pretty  
> much an abomination), but for socketcall-based architectures this really  
> should be a socketcall.  
>

Thanks, Peter. I'll rework this.

> Don't you also need fconnect()? Or is that simply handled by allowing  
> open() without O\_PATH?  
>

Yes, I need it.

If this approach will be accepted, then I'll send one more patch set for fconnect.

> -hpa  
>

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Best regards,  
Stanislav Kinsbursky

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